

SUPERINTENDENT'S REPORT
OF THE
FLORIDA STATE HOSPITALS
CHATTAHOOCHEE, FLORIDA
and
ARCADIA, FLORIDA



For the period beginning
July 1, 1950 and ending June 30, 1952

THE H. & W. B. DREW CO.
JACKSONVILLE, FLORIDA

GOVERNING BODY
BOARD OF COMMISSIONERS OF STATE
INSTITUTIONS

TALLAHASSEE, FLORIDA

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W. D. ROGERS, M.D.....*Superintendent*

Chattahoochee, Florida

IN MEMORIAM



W. G. MILES, M.D.

Member of Staff of the Florida State Hospital
for twenty-two years.

Served as Clinical Director from October, 1940
to November 16, 1952.

TRANSMITTAL

To The
Board of Commissioners of State Institutions
Tallahassee, Florida

Gentlemen:

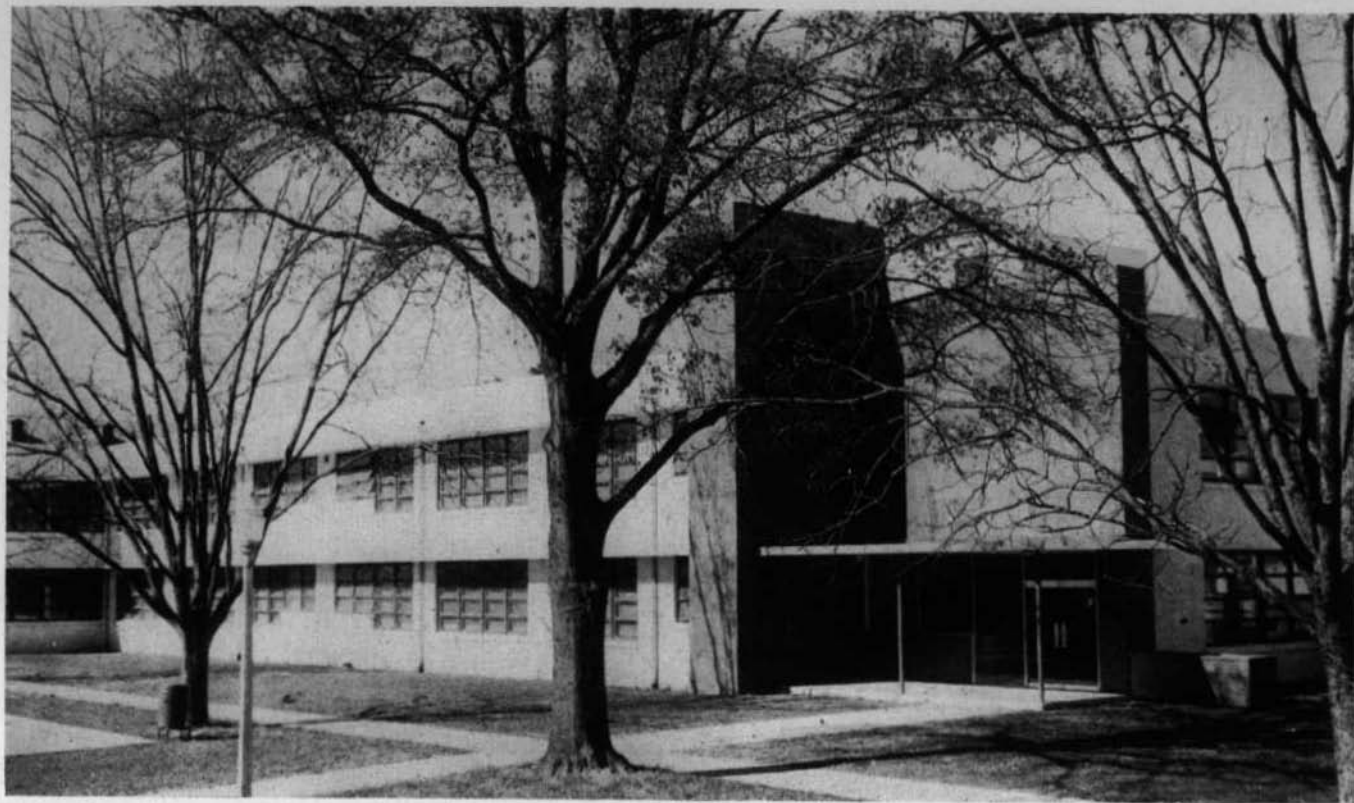
Transmitted herewith is report of the Florida State Hospitals for the biennial period July 1, 1950 to June 30, 1952. This report covers the activities of the Florida State Hospital at Chattahoochee and the G. Pierce Wood Memorial Branch Hospital at Arcadia.

At the close of this biennium our records show a total of 7,161 patients receiving care and treatment in both hospitals. Due to limited bed space it has been necessary, for the most part, to restrict admissions to acceptance on a replacement basis. During this two-year period there have been 3,516 patients admitted to our hospitals.

The accomplishments and the progress made in this biennial period would not have been possible had we not received such sympathetic understanding and assistance from the Board of Commissioners of State Institutions, and we take this opportunity to express our appreciation to each member.

To the various organizations and individuals who have donated so generously to the hospitals in gifts and their personal time, we extend our sincere gratitude.

Respectfully submitted
W. D. ROGERS, M.D.
Superintendent



A recently completed Receiving Hospital, which completes the Reception Center named in honor of Honorable R. A. Gray, Secretary of State.

DEPARTMENT HEADS

As of June 30, 1952

W. D. Rogers, M.D.	Superintendent
W. G. Miles, M.D.	Clinical Director
A. F. Douglas, D.D.S.	Chief Dentist
F. D. Palsgraaf	Administrative Assistant
D. D. Miles	Cashier
Dora Fulgham, R.N.	Supervisor of Nurses
Etelka W. Young, R.N.	Director, School of Nursing Education
R. Moody Holmes	Chaplain
Isabel Mawhinney	Secretary to the Superintendent
R. T. Duncan	Chief Engineer
G. B. Kirkland	Supervisor of Laundry
Mary C. Parker	Occupational Therapist
E. J. Langley	Fire Chief
Jules Terhell	Horticulturist
Mary Alice Pond	Dietitian
Mae T. Clark	Supervisor of Amos Infirmary
W. O. Bell	Manager of Commissary
Dan W. D'Alemberte	Supply Clerk
W. H. Dickson	Supervisor of White Men's Department
Jessie Domin, R.N.	Supervisor of White Women's Department
H. M. Dean	Supervisor of Colored Men's Department
Chleo Sanders	Supervisor of Colored Women's Department
Angus F. Franklin	Supervisor of Farm
Norman S. James	Sanitary Supervisor
Chas. P. Evans	Chief Steward
Colie Nichols	Captain of the Guard
Mattie Shelfer	Matron, Landis Hall
Andrew Moore	Construction Supervisor
Alva T. Revell	Director of Recreation
Marvin Hill	Steward, Amos Infirmary Kitchen
Iris Jones	Librarian
Harold Joyner	Supervisor, Brick Yard

THE FLORIDA STATE HOSPITAL

The Florida State Hospital, which has been in operation since 1876, caring for the mentally ill of the state, has expanded both in size and service to the people of Florida. At the close of this period there were 6,223 patients under treatment in our hospital at Chattahoochee, and 938 at Arcadia, a total of 7,161.

The function of the Florida State Hospital is primarily for the care and treatment of the mentally ill of our state, but in view of the vast services required for the operation of an institution this size it is necessary to maintain a large number of maintenance and service departments, other than the medical department and its subdivisions.

A comprehensive idea of the scope of the hospital may be gained from the following general condensed information:

DEPARTMENTS

Administration	Electric Shop	Power Plant
Accounting	Fire	Poultry Farm
Art Room	Feed and Grist Mill	Radio System
Beauty Parlor	Foundry	Recreation
Barber Shop	Garage	School of Nursing Education
Broom and Mop Factory	General Kitchen	School of Medical Technology
Brick Manufacturing Plant	Hog Farm	Sewing Room
Commissary	Horticulture	Saw Mill
Chaplaincy	Ice Plant	Sanitary
Canning Plant	Library	Trust
Construction	Laundry	Telephone System
Carpenter Shop	Machine Shop	Telegraph System
Drink Stand	Mattress Factory	Vegetable Farm
Diet Kitchen	Occupational Therapy	Water Works
Dairy	Post Office	Ward Supplies and Equip-
Electric Plant	Plumbing	ment

AS OF JUNE 30, 1952 YOUR HOSPITALS SHOWED
THE FOLLOWING FIGURES

	Chattahoochee	Arcadia	Total
Land Acreage	6,759	2,173	8,932
Building & Structures	294	90	384
Patients Present	6,223	938	7,161
Prisoners	226	—	226
Employees	1,481	308	1,789

EXPENDED FOR MAINTENANCE:

	Chattahoochee	Arcadia	Total
First Year of Biennium	\$3,988,010.71	\$ 904,304.12	\$ 4,892,314.83
Second Year of Biennium	4,766,324.64	1,028,698.42	5,795,023.06
TOTAL FOR BIENNIUM	\$8,754,335.35	\$1,933,002.54	\$10,687,337.89

PER PATIENT PER DAY COSTS.

	Chattahoochee	Arcadia	Total
First Year of Biennium	\$1.8861	\$2.8330	\$2.0103
Second Year of Biennium	2.1390	3.0978	2.2633
AVERAGE COST PER BIENNIUM	\$2.0158	\$2.9681	\$2.1400

AVERAGE MONTHLY SALARY PAID EMPLOYEES

	Chattahoochee	Arcadia	Total
First Year of Biennium	\$141.37	\$148.61	\$142.80
Second Year of Biennium	146.65	158.79	148.67
AVERAGE SALARIES FOR BIENNIUM.....	\$144.33	\$154.01	\$146.03

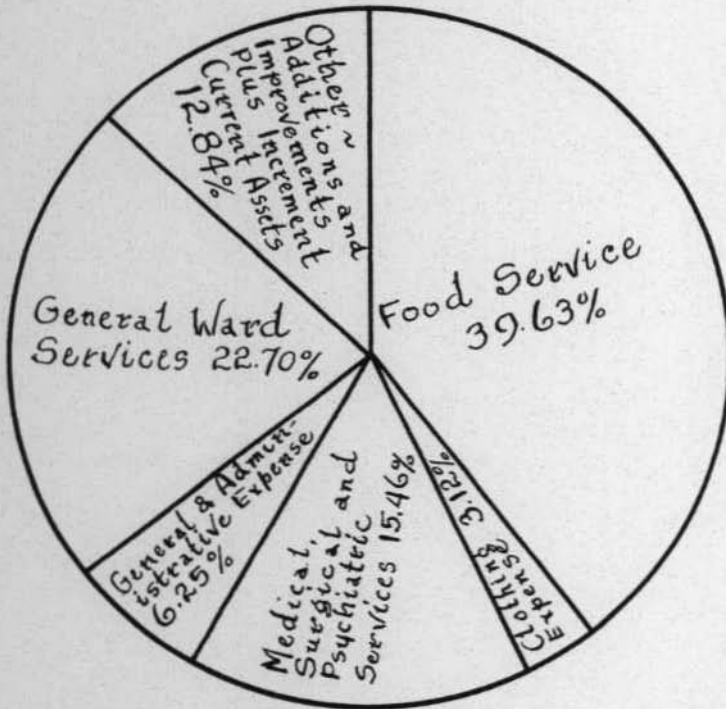
FLORIDA STATE HOSPITAL

NET EXPENDITURES—YEAR ENDED JUNE 30, 1951

(Both Hospitals)

\$5,613,066.50

Portion of Each Dollar Spent Went
For



SOURCES EXPENDED FROM:

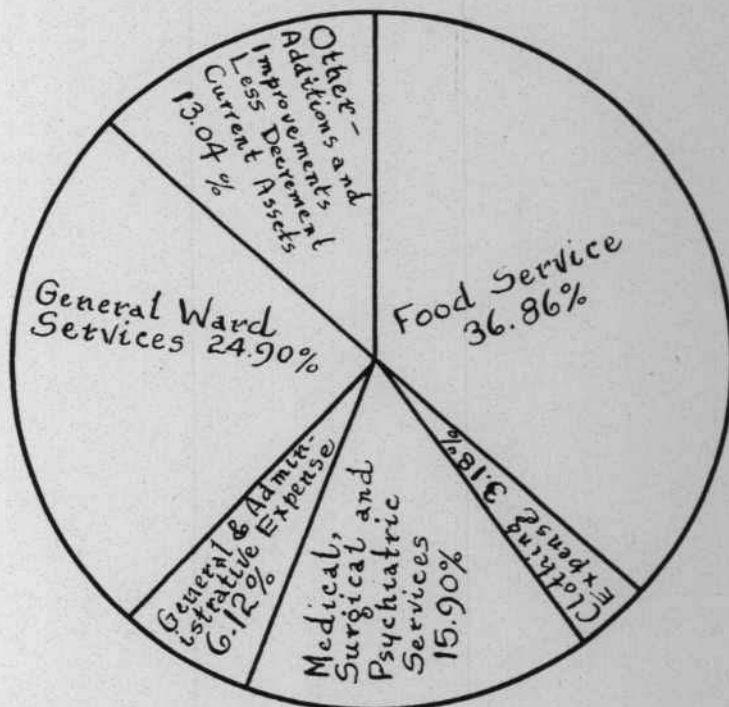
Appropriations	\$5,650,658.17
Funds	27,684.03
Donated Commodities	211,706.08
Total Expenditures	5,890,048.28
Less Fund Receipts	276,981.78
Net Expenditures	\$5,613,066.50

FLORIDA STATE HOSPITAL
NET EXPENDITURES — YEAR ENDED JUNE 30, 1952

(Both Hospitals)

\$6,663,847.86

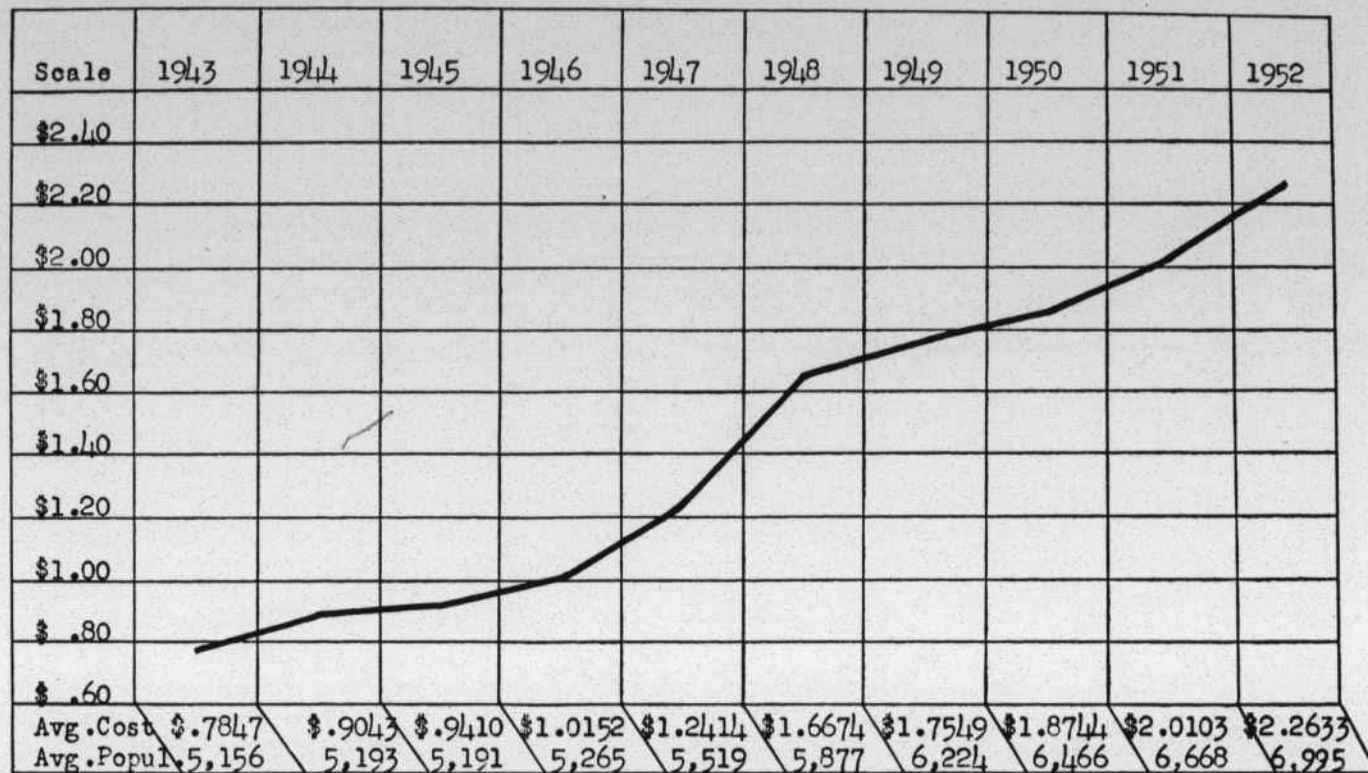
Portion of Each Dollar Spent Went
For



SOURCES EXPENDED FROM:

Appropriations	\$6,810,966.15
Funds	78,105.50
Donated Commodities	100,173.08
Total Expenditures	6,989,244.73
Accounts Payable	16,205.86
	7,005,450.59
Less Fund Receipts	341,602.73
Net Expenditures	\$6,663,847.86

Graphic Chart Showing Total Care And Maintenance Costs, Per Diem, Per Patient, For
Fiscal Years Shown



STATEMENT OF CONDITION
FLORIDA STATE HOSPITALS — CHATTAHOOCHEE AND ARCADIA

	At End of Fiscal Year—June 30, 1951			At End of Fiscal Year—June 30, 1952		
	Chattahoochee	Arcadia	Both Hospitals Combined	Chattahoochee	Arcadia	Both Hospitals Combined
A S S E T S						
CURRENT ASSETS AND DEFERRED CHARGES:						
Funds:						
Cash on Hand and Due from Comptroller	\$ 11,991.89	\$ 1,220.14	\$ 13,212.03	\$ 34,341.36	\$ 1,632.40	\$ 35,973.76
State Treasury	312,708.24	.90	312,709.14	634,104.75	—	634,104.75
Accounts Receivable:						
Paying Patients	47,783.24	5,291.97	53,075.21	57,190.44	5,595.52	62,785.96
Others—Principally State Institutions..	10,178.80	51.04	10,229.84	7,311.43	296.60	7,608.03
Inventories:						
Supplies	512,592.88	104,616.40	617,209.28	500,793.74	92,325.74	593,119.48
Beef Cattle and Hogs	13,162.50	—	13,162.50	18,573.00	—	18,573.00
Deferred Charges	1,556.87	104.42	1,661.29	2,709.37	—	2,709.37
TOTAL CURRENT ASSETS AND DEFERRED CHARGES	\$ 909,974.42	\$ 111,284.87	\$ 1,021,259.29	\$ 1,255,024.09	\$ 99,850.26	\$ 1,354,874.35
FIXED ASSETS:						
Land and Improvements	\$ 214,281.22	\$ 173,826.76	\$ 388,107.98	\$ 215,297.32	\$ 173,826.76	\$ 389,124.08
Buildings and Structures	5,682,955.33	1,242,189.18	6,925,144.51	5,766,143.46	1,283,454.36	7,049,597.82
Machinery and Equipment	2,180,344.82	362,534.69	2,542,879.51	2,431,750.49	382,198.92	2,813,949.41
Groves and Orchards	9,856.40	—	9,856.40	9,836.40	—	9,836.40
Horses and Mules	10,003.22	—	10,003.22	5,992.50	—	5,992.50
Dairy Herd	12,540.00	—	12,540.00	15,402.50	—	15,402.50
Uncompleted Projects—New Construction	159,949.10	5,037.03	164,986.13	608,356.30	5,813.35	614,169.65
TOTAL FIXED ASSETS	\$8,269,930.09	\$1,783,587.66	\$10,053,517.75	\$ 9,052,778.97	\$ 1,845,293.39	\$10,898,072.36
APPROPRIATIONS:						
Released for Current Operations.....	\$ 56,771.80	\$ 4,375.00	\$ 61,146.80	\$ 282,535.63	—	\$ 282,535.63
Released for Capital Outlays, Repairs and Betterments	718,914.28	1,589.47	720,503.75	1,119,447.77	406,592.77	1,526,040.54
Reserve for Capital Outlays, Repairs and Betterments	25,040.00	—	25,040.00	142,157.40	—	142,157.40
TOTAL APPROPRIATIONS	\$ 800,726.08	\$ 5,964.47	\$ 806,690.55	\$ 1,544,140.80	\$ 406,592.77	\$ 1,950,733.57
TOTAL ASSETS	\$9,980,630.59	\$1,900,837.00	\$11,881,467.59	\$11,851,943.86	\$ 2,351,736.42	\$14,203,680.28

STATEMENT OF CONDITION—(Continued)
FLORIDA STATE HOSPITALS — CHATTAHOOCHEE AND ARCADIA

	At End of Fiscal Year—June 30, 1951			At End of Fiscal Year—June 30, 1952		
	Chattahoochee	Arcadia	Both Hospitals Combined	Chattahoochee	Arcadia	Both Hospitals Combined
LIABILITIES, RESERVES AND INVESTMENT						
CURRENT LIABILITIES:						
Accounts Payable	\$ —	\$ —	\$ —	\$ 13,681.70	\$ 2,524.16	\$ 16,205.86
Reserve for Funds On Hand for Transfer to General Revenue	7,154.28	1,220.14	8,374.42	8,451.26	632.40	9,083.66
Prepaid Paying Patients Accounts and Refunds Due	2,961.54	457.10	3,418.64	3,038.39	451.00	3,489.39
TOTAL CURRENT LIABILITIES	\$ 10,115.82	\$ 1,677.24	\$ 11,793.06	\$ 25,171.35	\$ 3,607.56	\$ 28,778.91
RESERVES AND INVESTMENT:						
Inventories, Funds and Other Assets for Current Operations	\$ 574,289.11	\$ 104,264.62	\$ 678,553.73	\$ 562,917.43	\$ 90,350.58	\$ 653,268.01
Funds for Capital Outlays	267,607.45	—	267,607.45	605,457.45	—	605,457.45
Unexpended Appropriations: Operating Appropriations	56,771.80	4,375.00	61,146.80	282,535.63	—	282,535.63
Capital Outlays, Repairs and Betterments	743,954.28	1,589.47	745,543.75	1,261,605.17	406,592.77	1,668,197.94
Accounts Receivable—Proceeds to be transferred to General Revenue	57,962.04	5,343.01	63,305.05	61,477.86	5,892.12	67,369.98
Investment in Fixed Assets	8,269,930.09	1,783,587.66	10,053,517.75	9,052,778.97	1,845,293.39	10,898,072.36
TOTAL RESERVES AND INVESTMENT	\$9,970,514.77	\$1,899,159.76	\$11,869,674.53	\$11,826,772.51	\$ 2,348,128.86	\$14,174,901.37
TOTAL LIABILITIES, RESERVES AND INVESTMENT	\$9,980,630.59	\$1,900,837.00	\$11,881,467.59	\$11,851,943.86	\$ 2,351,736.42	\$14,203,680.28

REVENUE, EXPENDITURES AND BALANCES IN APPROPRIATIONS AND FUNDS
FLORIDA STATE HOSPITAL — CHATTAHOOCHEE AND ARCADIA

	Fiscal Year July 1, 1950 Through June 30, 1951	Fiscal Year July 1, 1951 Through June 30, 1952
BALANCES—BEGINNING FISCAL YEAR:		
Operating Appropriations	\$ 863,307.85	\$ 62,736.27
Appropriations for Capital Outlays, Repairs and Betterments	1,172,129.15	743,954.28
State Treasury	25,608.33	312,709.14
Cash on Hand and Due from Comptroller	33,961.56	13,212.03
TOTAL BALANCES BROUGHT FORWARD	\$2,095,006.89	\$1,132,611.72
RECEIPTS—FISCAL YEAR:		
Operating Appropriations	\$5,317,911.00	\$6,363,550.00
Transfers—Revolving Fund	25,000.00	—16,000.00
Net Operating Appropriations	\$5,342,911.00	\$6,347,550.00
State Emergency Appropriation	85,000.00	—
Appropriations for Capital Outlays	—	1,576,800.00
Appropriations for Contingencies	100,000.00	75,000.00
Funds:		
Tuberculosis Hospital Addition	\$200,000.00	\$ 200,000.00
Receiving Center—U. S. Government matching Funds	—	137,500.00
Revolving Fund	—	16,000.00
Paying Patients	146,380.54	212,452.15
Land and Timber Sales	56,964.88	350.00
Swine and Cattle Sales	60,361.73	62,608.60
Other Sales	45,119.33	65,983.61
Donations	1,000.00	1,525.00
Replacement Fund	257.08	3,570.00
Total Fund Receipts	510,083.56	699,989.36
Donated Surplus Commodities	211,706.08	100,173.08
TOTAL RECEIPTS	\$6,249,700.64	\$8,799,512.44
Deduct:		
Transfers to General Revenue	\$ 215,048.25	\$ 277,726.52
Appropriations Reverted	1,106,999.28	44,340.83
NET RECEIPTS	\$4,927,653.11	\$8,477,445.09
TOTAL AVAILABLE	7,022,660.00	9,610,056.81

REVENUE, EXPENDITURES AND BALANCES IN APPROPRIATIONS AND FUNDS—(Continued)
FLORIDA STATE HOSPITAL — CHATTAHOOCHEE AND ARCADIA

	Fiscal Year July 1, 1950 Through June 30, 1951		Fiscal Year July 1, 1951 Through June 30, 1952	
BALANCES END OF FISCAL YEAR		1,132,611.72		2,620,812.08
Operating Appropriations	\$ 62,736.27		\$ 312,334.46	
Appropriations for Capital Outlays				
Repairs and Betterments	743,954.28		1,620,090.27	
Appropriations for Contingencies	—		18,308.84	
Funds on Deposit with State Treasurer	312,709.14		634,104.75	
Cash on Hand and Due from Comptroller	13,212.03		35,973.76	
TOTAL EXPENDITURES		\$5,890,048.28		\$6,989,244.73
Accounts Payable		—		16,205.86
		\$5,890,048.28		7,005,450.59
Less Sales and Miscellaneous Receipts		276,981.78		341,602.73
NET EXPENDITURES		\$5,613,066.50		\$6,663,847.86
EXPENDED FOR:				
Maintenance of Patients:				
Florida State Hospital No. 1	\$3,988,010.71		\$4,766,324.64	
Florida State Hospital No. 2	904,304.12	\$4,892,314.83	1,028,698.42	\$5,795,023.06
Capital Expenditures:				
Florida State Hospital No. 1	\$ 550,963.65		\$ 811,553.32	
Florida State Hospital No. 2	14,841.94	565,805.59	64,994.86	876,548.18
Increment or Decrement—Inventories and Receivables:				
Florida State Hospital No. 1	\$ 145,360.51		\$ 2,332.41	
Florida State Hospital No. 2	9,585.57	154,946.08	—10,055.79	—7,723.38
NET EXPENDITURES LESS SALES AND MISCELLANEOUS RECEIPTS		\$5,613,066.50		\$6,663,847.86

COMPARATIVE MAINTENANCE STATEMENT FOR FISCAL YEARS SHOWN

Type of Expense	Year Ended June 30, 1951		Year Ended June 30, 1952	
	Total Costs	Per Diem	Total Costs	Per Diem
FLORIDA STATE HOSPITAL—				
CHATTAHOOCHEE:				
Food Service	\$1,835,666.20	\$.8682	\$2,027,763.93	\$.9100
Clothing Expense	151,910.09	.0718	181,545.86	.0815
Medical, Surgical & Psychiatric Services	742,085.37	.3511	917,834.75	.4119
General & Administrative Expense	250,105.47	.1182	294,086.68	.1320
General Ward Services	1,008,243.58	.4768	1,345,093.42	.6036
TOTALS—FLORIDA STATE HOSPITAL				
Chattahoochee	\$3,988,010.71	\$ 1.8861	\$4,766,324.64	\$ 2.1390
Average Number of Patients.....		5,793		6,088
FLORIDA STATE HOSPITAL—ARCADIA:				
Food Service	\$ 388,709.03	\$ 1.2177	\$ 428,406.89	\$ 1.2901
Clothing Expense	23,219.42	.0728	30,480.92	.0918
Medical, Surgical & Psychiatric Services	125,584.93	.3934	141,867.49	.4272
General & Administrative Expense	100,686.69	.3154	113,794.29	.3427
General Ward Services	266,104.05	.8337	314,148.83	.9460
TOTALS—FLORIDA STATE HOSPITAL				
Arcadia	\$ 904,304.12	\$ 2.8330	\$1,028,698.42	\$ 3.0978
Average Number of Patients		875		907
HOSPITALS—COMBINED:				
Food Service	\$2,224,375.23	\$.9141	\$2,456,170.82	\$.9593
Clothing Expense	175,129.51	.0720	212,026.78	.0828
Medical, Surgical & Psychiatric Services	867,670.30	.3565	1,059,702.24	.4139
General & Administrative Expense	350,792.16	.1441	407,880.97	.1593
General Ward Services	1,274,347.63	.5236	1,659,242.25	.6480
TOTALS COMBINED	\$4,892,314.83	\$ 2.0103	\$5,795,023.06	\$ 2.2633
Average Number of Patients—Combined		6,668		6,995

PERCENTAGES OF MAINTENANCE EXPENSES AND
NET SURPLUS INCREASES TO NET EXPENDITURES
FLORIDA STATE HOSPITAL—CHATTAHOOCHEE AND ARCADIA

COMBINED TOTALS—BOTH HOSPITALS	Fiscal Year—July 1, 1950 Through June 30, 1951		Fiscal Year—June 1, 1951 Through June 30, 1952	
	Net Amount	Per Cent	Net Amount	Per Cent
Maintenance Expenses:				
Food Service	\$2,224,375.23	39.63	\$2,456,170.82	36.86
Clothing Expense	175,129.51	3.12	212,026.78	3.18
Medical, Surgical & Psych. Services	867,670.30	15.46	1,059,702.24	15.90
General & Administrative Expense	350,792.16	6.25	407,880.97	6.12
General Ward Services	1,274,347.63	22.70	1,659,242.25	24.90
TOTAL MAINTENANCE EXPENSES	\$4,892,314.83	87.16	\$5,795,023.06	86.96
Capital Outlays	565,805.59	10.08	876,548.18	13.15
Increment or Decrement—				
Inventories & Receivables	154,946.08	2.76	— 7,723.38	— .11
NET EXPENDITURES	\$5,613,066.50	100.00	\$6,663,847.86	100.00
Expended From:				
Operating Appropriations	\$5,205,741.95		\$6,096,362.34	
Funds	27,684.03		78,105.50	
Donated Surplus Commodities	211,706.08		100,173.08	
Appropriation for Contingencies	—		56,691.16	
Capital Outlay, Repairs & Betterments:				
Appropriations	444,916.22		657,912.65	
	\$5,890,048.28		\$6,989,244.73	
Less Sales & Miscellaneous Receipts	276,981.78		341,602.73	
	\$5,613,066.50		\$6,647,642.00	
Accounts Payable	—		16,205.86	
	\$5,613,066.50		\$6,663,847.86	

SUMMARIZED DISTRIBUTION OF PAYROLLS

<u>YEAR ENDED JUNE 30, 1951:</u>	<u>Chattahoochee</u>	<u>Arcadia</u>	<u>Both Hospitals</u>
Food Service	\$ 201,318.38	\$ 70,388.80	\$ 271,707.18
Medical, Surgical & Psych. Service	486,272.96	84,334.23	570,607.19
General & Administrative Service	180,669.64	75,443.50	256,113.14
General Ward Services	659,506.60	185,122.62	844,629.22
Productive & Maintenance Depts.	428,265.25	64,420.25	492,685.50
TOTAL PAYROLLS	<u>\$1,956,032.83</u>	<u>\$479,709.40</u>	<u>\$2,435,742.23</u>

YEAR ENDED JUNE 30, 1952:

Food Service	\$ 248,399.14	\$ 75,554.87	\$ 323,954.01
Medical, Surgical & Psych. Service	657,515.92	90,229.52	747,745.44
General & Administrative Service	208,577.52	77,575.75	286,153.27
General Ward Service	943,159.01	214,768.81	1,157,927.82
Productive & Maintenance Depts.	497,623.27	84,928.28	582,551.55
TOTAL PAYROLLS	<u>\$2,555,274.86</u>	<u>\$543,057.23</u>	<u>\$3,098,332.09</u>



THE FOLMAR BUILDING

The medical and surgical division of the institution

MEDICAL DEPARTMENT

STAFF

W. D. Rogers, M.D.	Superintendent
W. G. Miles, M. D.	Clinical Director
J. B. O'Connor, M.D.	Assistant Physician
J. T. Benbow, M.D.	Assistant Physician
E. H. Ruediger, M.D.**	Pathologist
P. M. Georgariou, M. D.**	E.E.N.T.
M. C. Sexton, M.D.	Assistant Physician
D. R. Rothrock, M.D.**	Assistant Physician
O. A. Holzer, M.D.**	Assistant Physician
Henry Schwartz, M.D.	Assistant Physician
C. W. Swords, Jr. M.D.**	Assistant Physician
C. H. Denser, M.D.	Assistant Physician
C. E. Parrish, M.D.**	Assistant Physician
H. H. Ring, M.D.	Assistant Physician
R. S. Gutsell, M.D.	Assistant Physician
W. R. vanAllen, M.D.	Assistant Physician
R. Mosteller, M.D.	Pathologist
H. C. Weber, M.D.	E.E.N.T.
J. L. Boyd, M.D.	Assistant Physician
Julian Davis	Psychologist
Forrest Orr**	Assistant Psychologist
Sam Cunningham	Assistant Psychologist
Rita Wetzel**	Intern Psychologist
H. I. Winter**	Intern Psychologist
Ralph B. Cary**	Intern Psychologist
A. F. Douglas, D.D.S.	Chief Dentist
William M. King, D.D.S.**	Assistant Dentist
Samuel A. McIntosh, D.D.S.**	Assistant Dentist
James D. McLeod, D.D.S.**	Assistant Dentist
Philip M. Whisler, D.D.S.**	Assistant Dentist
Marvin E. Baxla, D.D.S.**	Assistant Dentist
John H. Carmody, D.D.S.**	Assistant Dentist
Kenneth L. Bayles, D.D.S.**	Assistant Dentist
Donald O. Hunter, D.M.D.**	Assistant Dentist
Philip H. Spence, D.D.S.**	Assistant Dentist
Henry K. Lequear, D.D.S.	Assistant Dentist
John A. Walker, D.D.S.	Assistant Dentist
Jack C. Kuhn, D.D.S.	Assistant Dentist

** Resigned

C. M. Mayhall	Pharmacist
Jack N. Roberts	Medical Technologist
Priscilla Burdick	Medical Technologist
Wm. G. Summers**	Medical Technologist
Madeline P. Turnage**	Medical Technologist
Dannye Ann Massey**	Medical Technologist
Jane Stegall	Medical Technologist
Erick G. Schroeder**	Medical Technologist
Florine H. Bolen	Medical Technologist
Ann Segrest	Medical Technologist
Mary Braxton**	X-Ray Technician
Mary E. Vegas**	X-Ray Technician
Geraldine McAlpin	X-Ray Technician
Helen Smith	X-Ray Technician
Mary Bassett	X-Ray Technician
Dora Fulgham, R.N.	Supervisor of Nurses
Audrey Hudgens, R.N.	Assistant Supervisor of Nurses
Etelka Young, R.N.	Director, School of Nursing
Mary C. Parker	Occupational Therapist

VISITING STAFF

J. C. Davis, M.D.	Urologist
J. G. Lyerly, M.D.	Neurosurgeon
D. J. McCulloch, M.D.**	Radiologist

**Resigned

MOVEMENT OF POPULATION

On the first day of this biennial period, July 1, 1950, our patient population was 5,729. From this date to June 30, 1952, there were admissions of 3,286 patients, making an aggregate of some 9,015 patients receiving treatment and hospitalization. This total represents the total number of all admissions; first admissions, admissions for transfer, returns from furlough and returns from escape. For the period the total number of admissions was 2,495 as first admissions. An increase in admissions of 137 is shown over and above the previous biennial number of 2,358. On June 30, 1952 our patient census was 6,223, an increase of 494 patients more than at the beginning of the period. Separations from the hospital included discharges, furloughs, transfers, escapes, and deaths, totaling 2,792 patients, of whom 87 were transferred to Florida State Hospital No. 2 at Arcadia, Florida.

Due to the fact that a considerable percentage of admissions included chronic and custodial cases, many of whom require a maximum amount of care, we feel that the working efficiency of the hospital as a whole is well demonstrated by the foregoing figures. The general social and economic problem, produced by the increase in longevity, is reflected in the censuses of mental hospitals. Mental cases, due to senility and cerebral arteriosclerosis, have increased greatly in number, taxing especially the facilities of institutions which were built primarily for a younger age group. The admission waiting list of our institution contains a much larger percentage of elderly people

than formerly. While there are some vacancies at most times in the various departments, we have been, and are still taxed to the utmost to provide for this increasingly large group at this hospital. During the present biennium we have received 623 patients of the above-named types.

This group poses many unique problems in care and management, inasmuch as many of the patients are bedridden and completely helpless. The presence of these people in the hospital is also manifest in the mortality rate figures.

There are also several other custodial types of patients. These include mental defectives, of whom we have received some 158 during this period, and epileptics, of whom we have received 80. These figures refer to first admissions, and do not cover those released on visits home, or those who are on trial furloughs.

Mention might be made of the number of admissions of some of the major groups of psychoses, which always represent a preponderance of our census figures, namely: Schizophrenia and Manic Depressive Psychosis. During the present period under discussion there were 867 cases of the former group admitted, and this represents an increase of some 140 over the previous biennium. Of the latter group there were admissions of 233, a decrease of 34 over the previous period.

Of cases suffering from Paresis and other forms of Central Nervous System Syphilis, 145 were admitted, a decrease of some 33.

Our death rate of 45.7 per 1,000 patients for the first half, and 51.3 per 1,000 patients for the second half is unusually low for institutions of this type, and compares very favorably with others. As stated before, these figures are greatly influenced by the influx of elderly people which has taken place in the past number of years. However, we do feel that with additional facilities, physicians and nurses, the above rates might be lowered still further. (See Table.)

ACTIVITIES OF THE STAFF

The close of this biennial period finds the Florida State Hospital staffed by 12 physicians. Eighteen physicians devoted their full time to the work of this hospital during this period. Obviously, we are very much understaffed. With the hospital work increasing daily, we should have at least thirty physicians to carry out all the requirements of the patient population satisfactorily. There should also be many more nurses and attendants. While we have a School of Nursing Education conducted in conjunction with the hospital, with a faculty drawn to a great extent from the hospital staff, there are not as many actual nurse working days derived from this system as might be expected, due to class room activities.

Although our present budget calls for twenty physicians, during the past several years a full staff has not been obtainable for a number of reasons. First, only a small percentage of physicians are interested in psychiatry, and particularly in institutional work. Second, the salaries paid in the institution, even when combined with certain perquisites, are not large enough to attract the average medical man, unless he may happen to have other sources of income. Third, the more or less isolated location of our hospital, is not particularly attractive to men with families.

In addition to the Superintendent, the present staff includes the Clinical

Director, Pathologist, specialist in tuberculosis, two surgeons, an internist, and five psychiatrists. The surgeons are compelled to double in their capacities by helping in the general work of the hospital along with their surgery. The position of radiologist has been vacant now for some time due to the fact that the salary offered was unattractive to doctors in this specialty. The work of the radiologist is important, not only from the standpoint of interpreting films, but also in the carrying out of x-ray and radium therapy.

An analysis of the different reports will show plainly the vast amount of work accomplished by our limited staff. Four Diagnostic Staff Conferences are conducted each week, in addition to the various therapies employed. These conferences are held for the purpose of classification of new cases, which, after being completed by the attending physician, are presented to the conference for final diagnosis and outline of treatment.

Once each week a General Staff Conference is held for the purpose of considering cases who may be eligible for discharge.

A Pathological Conference is held once each month, at which time the deaths of the preceding month are reviewed, both from the standpoints of clinical diagnosis and pathological findings. New advances in psychiatry and medicine are also discussed.

During the past two years an increasing number of classes from the various colleges and universities throughout the State have made field trips to the hospital, spending a half day, and the various members of the staff have conducted clinics and given lectures dealing with abnormal psychology, mental hygiene, and psychiatric therapy, with conducted tours through various treatment wards and the occupational therapy department. By this means a greater number of young lay people throughout the State are given some basic understanding of the problems in the care and treatment of the mentally ill.

During this biennial period we have noticed a marked increase in the number of cases committed to this institution with criminal charges pending. Many of these cases are coming to us now that formerly were sent to the State Prison at Raiford, due to Legislative Act, House Bill No. 926 CHILD MOLESTER ACT, which has taxed our facilities and caused voluminous reports to be made, which are required by law every six months.

PROCEDURES WITH REGARD TO ADMISSION AND RELEASE OF PATIENTS

Patients are received in this institution following their commitment by the courts of the State. After commitment, application is made for admission. When vacancies occur, and, due to lack of adequate facilities, this may mean a delay of several weeks or more, admission is authorized by the Superintendent. We have been able to authorize admissions only on a replacement basis for several years. Patients may be delivered by relatives, friends, or law enforcement officers. In some cases, patients are brought by employees of the hospital.

Patients are admitted to the Receiving Hospitals, where he or she remains from usually two to three weeks, the period necessary to complete the study and examination of the case. A complete psychiatric study is made, together with the accumulation of as much social history (obtained from family and

others) as possible. At the same time the patient's physical condition undergoes thorough examination. Routinely, this includes chest x-rays, blood counts, urinalyses, stool examinations, blood Kahns, spinal fluid Kahns and analysis, and any other additional laboratory studies indicated. During this initial period, the patients receive immunization against typhoid and smallpox. After completion of these studies, patients are presented to the Diagnostic Staff and therapy instituted.

Release from the institution is accomplished by one of two methods—by competency certification as decided by the General Staff, with resulting discharge, or by furlough to the nearest relative or guardian. The furlough is given for a period of twelve months. In the event the patient does not have to be returned for further treatment during this period, at the end of this time he is automatically discharged. If a return to the hospital is necessary for further treatment before the expiration of the one year period, this may be accomplished without recourse to further court procedure.

GENERAL HOSPITAL DIVISION

That department of the Florida State Hospital referred to as the General Hospital section houses the medical, surgical and special psychiatric treatment wards. A special hospital for the care of tuberculous cases is also included in this division.

This department is one of the best equipped in the whole institution. The surgical section comprises two operating rooms, sterilizer room, anesthetic room, dressing room, supply and storage rooms, fracture, cystoscopic and emergency rooms. There is also a well equipped X-ray Department with two full time technicians. Included with this department, there are facilities for physiotherapy. A well stocked Pharmacy, conducted by a registered Pharmacist, dispenses all of the drugs used throughout the hospital.

This General Hospital includes 765 beds, part of which are in the four receiving wards. Here all medical and surgical cases are handled. The new building additions which have been made during the past biennium have afforded us an increase of 152 beds for this department. At present, this part of the institution is quite adequate.

As a result of Chest X-Ray Survey, many previously undetected cases of tuberculosis were brought to light, with the result that the Tuberculosis Hospital has become definitely overcrowded. This prevailing condition is, of course, very detrimental to people suffering from this contagious disease. There is a very urgent need for further facilities in this department, both for the actual care of these patients and for the department which prepares their food.

HEALTH

With the large patient population, and the large force of employees necessary to conduct the operations of the institution, the general health of the hospital is a considerable factor, especially with the present overcrowded conditions prevailing.

However, during this biennial period, there have been no outbreaks or epidemics of infectious or contagious diseases. Essential inoculation and

vaccination of all patients and employees is carried out, and this practice plays a large part in the prevention of communicable diseases. One member of the medical staff devotes the major portion of his time to caring for the personnel. All employees undergo rigid physical examinations, urinalyses and blood Kahns. All food handlers and employees of the Tuberculosis Hospital undergo periodic physical examinations, and attend short courses for food handlers.

The water and milk supplies are tested at regular intervals. Milk from the hospital dairy is pasteurized and the dairy herd is under the supervision of a full-time veterinarian.

SHOCK THERAPY

Shock therapy has been used extensively during this biennium, both electro and insulin shock. Electroshock is now carried on largely on the general wards, each department having apparatus for this purpose. According to our records, shock therapy has been given to:

315 WM	1,057 WW	187 CM	418 CW	1,977 Total.
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CLINICAL LABORATORY

The Clinical Laboratory is under the direction of a full-time pathologist and is staffed with six medical technologists. It is approved by the Society of Clinical Pathologists and Board of Basic Sciences for the training of technicians. There is usually a class of four students enrolled at all times.

The past biennium has shown a marked increase in the number of more intricate laboratory tests performed. Every effort is made to stay abreast with new procedures that have evolved from continued research in this field.

The pathologist and chief technician devote some 160 hours in teaching Pathology and Physical Sciences in the School of Nursing Education.

There were 235 post mortem examinations performed, which is well over the required 15% of all deaths. The School of Laboratory Technology was again inspected by the Educational Committee of the American College of Clinical Pathologists and continues to be approved for the training of technicians.

X-RAY DEPARTMENT

The x-ray department has continued its survey work on all new patients and employees, and continuous recheck examinations on all tuberculosis suspects and inactive tuberculous patients. This has been supplemented by the Public Health Facility who have made 70 mm film surveys of all patients and employees of the institution.

We do not at the present time have a radiologist, therefore our deep therapy program has been curtailed.

This department also takes care of the diathermy and physiotherapy treatments. We have acquired a new diathermy machine since the last biennium to replace the machine which was antiquated, and we are now able to give more efficient service in this field.

The x-ray department is well equipped for all diagnostic procedures, and this service is available to all our patients.

A breakdown of the amount of work performed in this department is given below:

X-rays	12,680
G I Series	152
Barium enemas	87
Diathermy	414
Infra-Red	71
Ultra Violet	37
Electro Cardiographs	341
Fluoroscopic Examinations	15
Deep X-ray Treatments	184

SURGERY

During the last biennium it has been our privilege to extend the surgical service to a good many patients in the institution. We have carried out quite an extensive program of elective surgery with, we feel, a marked betterment in the physical health of the patient population. We have two physicians who are devoting a great deal of their time to surgery of all types. Our operative mortality continues to be below the accepted standard and our rate of post-operative infections in this last biennium has been less than one-half of one per cent.

We are fortunate in having as consultant Doctor J. C. Davis of Quincy, who has been on our staff for many years, and acts as consultant in General Surgery and Urology. We also have the continuing services of Doctor J. G. Lyerly of Jacksonville, who is our neurosurgeon, and makes visits to this institution once a month to carry out the neurosurgical program, examining and considering patients for prefrontal lobotomies and other neurosurgical procedures. We had for a few months the part-time services of Doctor Robert Hutchinson of Tallahassee in the field of Orthopedics. He has, however, left us, having taken a teaching position.

The Surgical Department maintains a very active emergency room service where the majority of minor surgery is done, and also where the inoculations for personnel for typhoid fever and smallpox are carried out, following their employment examination. This department also acts as central supply agency, doing all the sterilizations and preparing all the set-ups for procedures on the various wards.

We hope in the future to be able to expand our service more, and we are limited at this time only by the time which the personnel can give the department.



Attention is called to the break-down of procedures and operations listed below:

Major Operations performed

Orthopedic (including open reductions and resections)....	51
Gynecologic	121
Urologic	35
Laparotomies	90
Herniae	97
Breast resections	10
Thyroidectomies	6
Neurologic	39
Miscellaneous	3

Minor Operations

Eye, ear, nose and throat operations	37
Minor orthopedic operations (casts and others)	111
Other minor operations	1,009

DENTAL DEPARTMENT

During the biennial period of 1950-52, the dental service of this institution has been carried on with the same number of authorized personnel as during the previous bienniums. It will be noted by reference to the "Staff" roster carried on one of the early pages of this report that the turnover of dental staff has been complete, due to the fact that the entire program is operated under a one year internship personnel, changing each year after such service has been completed.

The physical facilities of the clinic during the past biennium have been improved in a major way, throughout the entire physical plant. The main high pressure steam line that formerly ran through the basement of the building, to other functions, has been removed, the remaining pipes reinsulated, removal and a replacement by rubber floor tile installed, the entire inside and outside of the clinic building re-painted, a wheel-chair ramp installed, in addition to two additional operating rooms converted for x-ray and hydro-colloid technic, increasing our space to a present nine operating rooms, which at this time leaves no further space for expansion of staff or facilities.

A tabulated record of the total dental operations for the 1950-52 biennium accomplished by the dental service of the Florida State Hospital is as follows:

	July 1, 1950 to June 30, 1951	July 1, 1951 to June 30, 1952
Examinations	1,480	2,153
Re-examinations	8,146	7,399
Extractions	2,966	3,396
Curettages	24	42
Alveolectomies	14	50
Fracture Treatments	0	11

	July 1, 1950 to June 30, 1951	July 1, 1951 to June 30, 1952
Prophylactic Treatments	1,793	1,993
Palliative Treatments	117	40
Observation and post-operative Treatments	8,020	7,056
Root Canal Treatments	9	9
Denture Preparations and Adjustments	2,469	2,761
Denture Deliveries	486	496
Bridge Preparations and Adjustments	396	613
Bridge Deliveries	56	104
Crown Preparations and Adjustments	134	289
Crown Deliveries	7	63
Denture Repairs	327	376
Bridge Repairs	10	34
Filling and Inlay Preparations	488	1,128
Fillings (all types)	1,809	2,835
Radiographs	2,101	1,744
Hospital and Ward Visits	606	739
Total Patients Seen (Sittings)	25,720	29,444
Total Operations	33,139	33,785

SCHOOL OF NURSING EDUCATION

The activities of the School of Nursing Education consisted of the continuation of the plans and activities of the previous two year period, with some gradual improvements and a few new activities. During the past biennium we received affiliates from thirteen hospitals, an increase of eight over the previous period. At present we have regular contract with seven hospitals, and have accepted students on a temporary basis from five others. We have discontinued affiliation agreement with two. The total number of affiliates who completed their course in our school during the past two years is 276; on June 30, 1952, the enrollment was 35.

The total number of enrollment in our basic school during the past two years was 122; the largest number we had at any one time during the past two years was 94. Although we admitted 60 students during this period, graduations and withdrawals reduce the number of students considerably until the usual new class is admitted. We are continuing affiliation for our students with Charity Hospital, New Orleans; Bellevue Hospital, New York; and St. Vincent's Hospital, Jacksonville. Our contract with St. Vincent's will soon terminate.

Members of the school faculty and eight students attended the 12 hour course in Recreation Leadership held on our campus by the Extension Division of the University of Florida; Mrs. Alice G. Roy, who joined our staff during this period, attended a week's workshop in polio nursing so that she will be

well prepared should an emergency arise; the director of the school is away on an educational leave which began on June 2, 1952.

The Student Government is now fully organized and is functioning on a limited self-governing basis. The Superintendent of Nurses, the Director of the School, and a graduate nurse adviser are members of the Council, and all matters of import are referred to them for approval. This Faculty-student cooperation lifts student morale, and teaches them to be more self reliant. We trust there will be a large class for the Fall, and that we shall be able to continue our progress.

Close cooperation with the nursing division is maintained; the Director of the School meets with as many of the graduate professional nurse personnel as are able to attend twice a month for the purpose of discussing mutual problems, new methods, and theories which are promulgated from time to time. This should result in better understanding, better student education, and better care for the patient.

PSYCHOLOGY AND SOCIAL SERVICE DEPARTMENT

The biennium has been notable for its increase in the activity of the Psychology and Social Service Departments, which operate as a division of the Medical Department. The most striking example of this development is the statistics showing that the number of patients examined by psychologists has tripled and the number of tests given has quadrupled in the last two years.

The authorized personnel consists of two clinical psychologists and two intern psychologists. The internship program is one of the few such training programs in a state hospital in the South. The interns are appointed for a period of one year. Psychometric evaluations of patients are made at the request of physicians of the various services. Psychologists consult with other staff members relative to diagnosis and psychotherapy, when such consultations are requested.

Along with the increase in the number of students in the School of Nursing Education, additional teaching demands were made on the psychological staff. The number of hours devoted to giving course instruction in sociology, general and abnormal psychology, rose from 400 hours in the previous biennium to 540 hours in the two year period just past. In the field of psychological research two projects were reported at annual meetings of the Florida Psychological Association and another resulted in publication of a chart now receiving nation wide distribution.

The functions of the Social Service Office, which is an integrated adjunct of the Psychology Department, includes obtaining histories and other desired information on patients through interviews and correspondence; establishing residency, and arranging transfers of out-of-state patients; securing new addresses of relatives who have moved; verifying change of guardian; and aiding in finding employment for patients about to be discharged. Each new patient is interviewed as soon after admission as is feasible, and a social service questionnaire sent to the next of kin. Perhaps the greatest need of the department at the present time is for a psychiatric social worker.

The following table shows the number of tests administered during the biennium. Each test represents an average time of approximately one hour.

Rorschach	776
Bender-Gestalt	487
Draw A Person	387
Wechsler-Bellevue	220
Word Association Test	132
Stanford-Binet	67
Cornell Index	51
Goldstein-Sheerer	33
Shipley-Hartford	18
Sentence Completion	18
Interviews	176
Miscellaneous tests for special disabilities	30
Total	2,395

NURSING SERVICE OF THE GENERAL HOSPITAL DEPARTMENT

The general hospital department of the Florida State Hospital includes facilities for the medical and surgical care of the mentally sick of the institution; also houses the reception services, four in number, the psychiatric treatment wards in connection with the reception services and the tuberculosis hospital.

This general hospital division has 765 beds. It has continued to render excellent nursing service through this biennium, being staffed with a Superintendent of Nurses, one Assistant Superintendent of Nurses, twenty-five registered nurse supervisors, six registered nurses on general duty, four record clerks, seventy-five nurses' aides, ninety-six orderlies, and forty-five maids. This section is also aided by the services of student nurses from the School of Nursing Education, and also from affiliate nurses from our Affiliate School. Employees in this department are working eight hours per day, six days per week.

TUBERCULOSIS SERVICE

We have continued the practice of taking chest x-rays upon all new admissions, which practice was started in 1936. Our total census of 331 tuberculous cases, both active and arrested, represents about the average number of cases per 10,000 population throughout this country.

The State Board of Health conducts a survey with their mobile x-ray unit in this hospital every year, thereby assisting us in locating a few early scattered cases among our overcrowded general wards.

The need for additional facilities for housing and treating our tuberculous patients is urgent.

During the biennium there were 167 patients receiving pneumothoraces.

DRUG DEPARTMENT

The drug department is in charge of a registered pharmacist. It is completely stocked with all drugs and biologicals needed in this type hospital.

Drugs are dispensed daily to patients and wards on doctors' prescriptions and orders.

The following tabulation records the method and drugs dispensed to patients and employees of the hospital during the last biennium:

Prescriptions	21,653
Department Requisitions	3,800
Total items on requisitions, including all medicine and supplies	38,761

There was a 24% increase in cost of drugs during this biennium, due to increase in the number of patients and employees, and the extensive use of expensive new anti-biotics.

During this biennium the pharmacist supplied 200 hours teaching in the School of Nursing Education.

CHAPLAINCY

In order to provide treatment for the whole personality — man's emotional and spiritual needs as well as physical — religion is offered to all on a voluntary basis. When properly used, religion ministers to the personal need for love, security, peace of mind, sense of personal worth, and sense of belonging. Furthermore, it comforts, strengthens, and inspires with hope and courage. When given an opportunity, it makes a definite contribution to the health and happiness of the individual.

Each Sunday morning a worship service is conducted for the benefit of the patients. It is attended by large numbers from various sections of the hospital. Those who are infirm and unable to attend have the privilege of hearing it through the public address system, which carries it to all the patient departments. One of the outstanding features of the morning service is the singing of the well-trained patient choir.

Other services are conducted when requested by distinctive denominational groups. Jewish Rabbis, Catholic Priests, and Protestant Clergymen, each according to his own persuasion, preside at such services.

The Chaplain, in addition to his Chapel responsibilities, interviews patients, visits the critically ill, conducts funerals, answers inquiries, and writes letters of condolence. His work also extends to the State Prison Camp which is located on the hospital farm. He preaches to the men there, shows them movies, and assists them with their recreation.



LIBRARY FOR THE PATIENTS

EASTERN STAR LIBRARY

An addition to our library building, completed during the last year of the biennium, has afforded much needed additional space for books and a comfortable, well lighted reading room for patients.

As the biennial period ended there are 10,578 books on hand, 1,140 of which were received during the biennium. 49,763 used magazines were donated to the hospital during the biennium and 832 current magazines were purchased on subscription, paid from our Hospital Drink Stand.

We have one employed librarian and a class averaging ten patients operating the library. A total of 21 patients have been assigned to work in the library during this period and nine of these have been furloughed or discharged.

Much enjoyment and comfort is derived from the magazines and books which are continuously circulated throughout the various patient departments of the hospital.

OCCUPATIONAL THERAPY FOR PSYCHIATRIC PATIENTS

"Occupational Therapy is any activity prescribed and guided for the distinct purpose of contributing to or hastening recovery."

Occupational Therapy may help give the psychiatric patient a healthy, wholesome interest in real things and help him break away from a shut-in life of unreality. As the ultimate aim of psychiatry is the social adjustment of the patient to his environment, it is felt that occupational therapy provides opportunities to help bring about this re-adjustment in a healthy way, through the absorption of surplus energy or the development of a satisfactory sublimation.

Occupational Therapy offers facilities for mental, physical and manual development and growth. Occupational Therapy offers the shut-in personality contact with reality, the over-active an energy regulator, the suspicious, plain practical truth, the neurotic satisfactory sublimation, and the depressed an assurance that his former experiences can make their contribution to other people.

The results of this form of treatment may be curative or preventive in nature, or may serve to bring about an improvement in daily contentment and institutional adjustment. It is a means of providing a stimulus which will preserve, or restore as far as possible, the contacts of normal life, and create a feeling of satisfaction and contentment.

443 men and women patients have been in occupational therapy during the period of this report.

402 have shown definite improvement.

135 patients have returned to their homes during this time.

We have a daily morning average of 230 patients in this department.

In addition

1,331 women patients have been entertained by occupational therapy department with parties on the wards.

- 222 women have attended the bus rides and picnics given for physically handicapped patients.
- 385 patients on the shock wards have been in the afternoon occupational therapy classes.
- 55 occupational therapy craft classes for student nurses have been held.
- 8 lectures for student nurses have been given by the occupational therapy director.

The Junior members of the Florida Federation of Women's Clubs donated the money to buy a new electric ceramic kiln and materials to begin a ceramic department for the benefit of the patients.

Thousands of Christmas gifts and craft materials were sent to the hospital by various chapters of the Beta Sigma Phi Sorority, the Florida Federation of Women's Clubs, the Pilot Club, and other organizations, for the benefit of our patients.

The occupational therapy office and class room have been completely renovated, adding fluorescent lights, asphalt tile floors, beautifully painted green therapy room, coral office, and yellow kitchen, the latter complete with new electric ceramic kiln. Steel simulated bamboo furniture has been ordered for this department.

The newly renovated room will be used as a therapy, sales, and exhibit room.

With the continued splendid cooperation of the hospital personnel we are aiding in every way possible in returning more and more patients to a healthy, normal life in the outside world.

RECREATION

Recreational therapy is recognized as a valuable aid in the treatment of the mentally ill. Much progress has been made during the past two years in the development of recreational programs designed to aid patients in various groups to attain better health, both mentally and physically.

Outdoor games in which patients participate are — softball, badminton, horseshoes, basketball, pingpong, volleyball, croquet and many others.

The three main aspects of our recreational program are — social, instructional, and inter-ward work. Social activities consist of dances, parties, singing, band concerts, motion pictures, religious services and various competitive games. Instructional work embraces courses in musical therapy, leading to bands, marching and singing. Suitable games to re-educate and develop co-ordination are taught. Classes in square dancing, table games, gymnastics, group work and other social activities are conducted. The inter-ward program has been developed especially for those patients who, because of infirmities, must spend much of their time on the wards. Reading, indoor games, radio and motion pictures are the main sources of recreation to these patients. Also parties given on the wards by outside groups and by the recreation department have provided much needed entertainment.

Donations by the Junior Women's Club have provided a forty-eight record music box, string-band instruments and portable movie projector. These have contributed greatly toward expansion of recreational activities for our patients.

During the biennium some seventy-five attendants, nurses and other hospital personnel, took short courses in social recreation. These courses, afforded through the University of Florida Extension Division, have done much toward enabling our employees to better understand the need for recreation among our patients and to give valuable assistance in the various activities carried on under our program.

FOOD SERVICES

FOOD SERVICE, comprising around 42% of our operating costs, plays a very important part in the care and rehabilitation of our patients. The preparation and serving of food to patients and personnel is handled through four major kitchens which, during the two year period under report, prepared some 15,835,000 meals, including many special diets.

THE DIET KITCHEN, under supervision of a registered dietitian, is the main food service for the medical section of the hospital and is charged with the preparation of the various special diets required. During the biennium diet therapy services were greatly expanded due to additional hospital facilities provided for medical and surgical cases. This modern kitchen served some 1,400 meals each day to patients and hospital personnel.

THE INFIRMARY KITCHEN, under supervision of an experienced steward, prepares meals specifically designed to meet the needs of the aged and infirm who are cared for in our Amos Infirmary. This small but modern kitchen prepared around 1,200 meals per day.

OUR GENERAL KITCHEN, under the management of an experienced steward, serves the general patient departments and personnel of the various service departments of the institution. This kitchen is by far our largest food handling department, serving approximately 18,500 meals per day. A program of cafeteria type serving has been adopted and is working very satisfactorily. This method of serving insures that our patients will get hot, palatable food, essential to an enjoyable meal. As this report is written, much needed improvements are under way in the general kitchen. The old worn floors are being replaced with quarry tile, with a wainscot of glazed tile along the walls; a new diet pantry is being added; cold storage facilities are to be expanded and a new garbage house for the sanitary storage of garbage is to be constructed; steam lines serving the large cook-pots are being relocated and canopies are to be provided over the pots to carry off excess radiation. Sanitation and efficiency are prime requirements in good food handling.

Our other kitchen, known as THE GRAY KITCHEN, also under supervision of the steward of the general kitchen, serves our receiving unit where new admissions are received and hospitalized for diagnosis and treatment. This new and modern kitchen prepares and serves around 750 meals per day. While this is a comparatively small food service, it is a very important one, as the new patients gain their first impression of the hospital while they are being cared for in this building and good food is a vital factor in aiding them to make good adjustments to hospital care.

CONSTRUCTION DEPARTMENT

While the main function of the construction department is the general upkeep of all our buildings, this department also constructs relatively small buildings and additions from time to time. Principal new additions and improvements accomplished or in progress during the period under report were as follows:

New Mortuary-Chapel Building

Two New Storage Barns and one new barn for dairy cattle

Three new auto garages

New Barracks Building for prison work camp on farm

New Security Building for criminal type patients

New Steam Tunnels — 3,239 lineal feet — 5' x 6' inside — brick and concrete construction

Two silos — 250 ton capacities — brick walls and concrete base

Addition to Library Building

Addition and alterations to three dwelling houses

New building for refrigeration plant at dairy.

Completion interior dining halls for colored — installed ceiling and quarry tile floors.
Enclosed porches white female ward building No. 12 and colored female ward building No. 29

New roofs installed on three dwelling houses

Rebuilt one garage and tool house

New roof installed on old section colored female ward building No. 29.

In addition to the above mentioned major projects, many general repair jobs were accomplished during the period. Some of our buildings are very old and require constant repairs.

Other major buildings under contractural construction during the biennium were:

Additions to General Hospital for medical and surgical cases, completed

New Psychiatric Receiving and Treatment Building — 94% complete

Also operated under the supervision of our construction supervisor are, a saw mill, which produced 789,500 board feet of lumber from timber grown on hospital lands; carpentry shops, where window and door frames, cabinets, furniture and many other items are manufactured and repaired; shoe shop, where approximately 6,500 pairs of shoes were repaired for patients; mop and broom shop, where 9,440 mops and 9,141 brooms were manufactured; metal-work shop, which handles repairs to numerous cooking utensils and other items, as well as sheet metal work required in the construction and repairs of buildings.

ENGINEERING

This department has maintained throughout the institution all equipment, mechanical and electrical in nature, provided steam, electricity, water, ice, telephone service and transportation.

Our power plant is fast reaching its full capacity, both as to the generation of steam and electricity, and the electric and sanitary distribution systems are now over-loaded and upon completion of buildings now under construction all utilities will be taxed to meet the demands.

During the years 1946-48 electrical energy generated was 9,895,000 kilowatt hours and 1950-52 was 16,328,390 kilowatt hours, or a load growth of 60.6%.

In the early part of the biennium it was foreseen that our steam distribution

system would be inadequate to meet the demands for heating, sterilization, cooking, etc., during the winter of 1952, and releases were granted from state emergency funds for the purpose of constructing steam tunnels necessary to provide essential steam distribution. Construction of these tunnels, totaling 3,239 lineal feet, 5-ft. wide and 6-ft. high inside, was undertaken by our own forces, assisted greatly by boys of the Apalachee Correctional Institution, who did much of the brick work. These tunnels, carrying 8-inch steam mains, 6-inch and 4-inch return lines, all insulated, and equipped with electric lights, are conservatively valued at \$300,000. Virtually completed at the end of June 1952, the cost has been only around 50% of this figure. Several small lead-off tunnels are yet to be constructed but will be completed before the winter of 1952.

Through the surplus property division of the Florida Improvement Commission the hospital has procured at very low cost many items which have improved and reduced the operating cost of the various departments, viz:

Two 125 HP boilers installed complete for sawmill.

One 43 HP boiler for dairy.

One 3.6 ton ice plant installed for dairy.

Two 15 ton ice plants not yet installed.

Numerous air compressors, welding machines, and various operating supplies.

In addition to regular maintenance work, heating, plumbing and electrical wiring has been installed in new construction:

Maximum Security Building.

Mortuary.

Library Addition.

FIRE DEPARTMENT

Our fire fighting equipment consists mainly of one small booster type fire truck and two larger pumper type trucks. The small truck carries 100 gallons water and 600 feet of hose. One of the larger type trucks is a triple combination, 500 gallon pumper, carrying 1,200 feet of hose and other accessories. The other large truck is a quadruple combination, 500 gallon pumper, carrying 750 feet of hose, ladders, and flood lights operating on gasoline driven generator.

The personnel consists of twelve full time firemen and fifteen volunteer firemen. The full time firemen have been continually trained in advance fire fighting methods and in the care and operation of our fire-fighting apparatus. The chief and assistant chief have attended classes at the Florida State Fire College, and the other men have had planned instructions in subjects vital to their occupation, including regular drills.

A fire watch is maintained over the institution each night by a member of the fire department. This watchman also checks our many sprinkler systems during the night and investigates any conditions that might cause fires.

The department has made monthly fire inspections in all patients buildings and has received inspection reports each week from the supervisors. All necessary repairs and replacements of fire hose and first aid fire-fighting appliances throughout the institution have been maintained, including the refilling of more than 900 fire extinguishers.

During the first part of this biennium a fire emergency plan for employees of the institution was inaugurated. This plan outlines the duties of employees

in case of fire or emergency in any patient occupied building. Copies of the plan were distributed to all employees and every patient department has been lectured to on its workings, as well as on good fire prevention practices, and use of extinguishers.

Seventy fire calls have been responded to during this two year period and the loss from all causes amounted to \$4,111.35. Only one major fire occurred, resulting in the loss of a duplex residence valued at \$3,500.00. This old frame residence was located approximately one mile from the hospital and before the occupants were aware of the fire it had progressed to such extent that it could not be saved.

The following is a list of calls, nature of fires, and amount of losses for the biennium:

Type Fires	Calls Answered	Losses
Bed Fires	14	\$ 304.00
Buildings and Contents	13	3,807.35
Woods Fires	36	—
Sawdust Piles	3	—
Automobile Fires	2	—

In addition to the above, our fire department answered two calls to assist the city fire department.

HORTICULTURE AND GROUND MAINTENANCE

This department is responsible for the beautification and maintenance of all grounds in the hospital area and of the hospital cemetery. More than 200 acres of lawn must be kept mowed; shrubbery, flowers, fruit trees and shade trees tended, and grading and sodding done where needed.

Considerable repair work has been necessitated during the biennium due to the widening of U.S. Highway No. 90, which bounds the hospital campus to the south, and due to ditching required for the construction of approximately 3,200 feet of steam tunnels through the grounds. Other work included grading around the farm supervisor's residence; sodding around white men's ward building; grading and sodding around new psychiatric receiving hospital; installation of approximately 350 feet of culvert to replace open ditch and drain area east of spur track; grading, sodding and grass planting in white women's recreation yard, requiring some 200 loads of top soil; grading and reworking white men's recreation yard, requiring some 300 loads of top soil; completed 22 landscape planting projects around various buildings, and planted 35 oaks for shade.

We have received much favorable comment on the beauty of our grounds.

During the period we have harvested 951 bushels of satumas, 198 bushels of grapes, and 3,322 pounds of pecans.

Our satsuma grove was killed during the winter of 1950-51 and is not to be replanted since this area is to be reserved for new staff residences.

SANITARY DEPARTMENT

This department is under the supervision of a registered sanitarian who is responsible for all activities pertaining to sanitation.

We feel that much progress has been made toward better sanitation during the biennium under report. One major accomplishment which should prove very beneficial is the instructional program in food handling, instituted in January, 1952. Since the establishment of this program some 250 employees in the various food departments of our hospitals at Chattahoochee and Arcadia have been trained in the various phases of sanitation involved in food handling, through classes conducted by our sanitarian.

Monthly inspections of all buildings in which patients are housed and fed are made by the supervisor of sanitation, who makes written reports to the superintendent after each inspection.

Also operated under the supervision of the sanitarian is the sewage disposal plant, which we believe has one of the best effluents in the state.

This department is also charged with the cleaning of the hospital grounds, the disposal of garbage and pest control throughout the institution. Some 14,000,000 pounds of garbage and swill have been hauled during the biennium. The swill, of course, goes to our hog farm. However, the disposal of other garbage has become quite a problem. Such garbage is presently being hauled away from the institution and burned, in-so-far as possible, in the open. This method is very unsatisfactory and consideration is being given to better methods of disposal.

LAUNDRY

In the period covered by this report we have handled in the laundry 10,545,104 pounds at a cost of \$.02135 per pound, compared to 9,330,526 pounds for the prior biennium.

The following equipment has been added during the biennium:

1—48" extractor—War Assets—used.

Our laundry is now operating at near maximum capacity and there is no space left in the present building for installation of additional equipment. It is essential that additional facilities be provided during the coming biennium to meet increased demands due to growth of the institution.

THE FARM

During the two years covered by this report, all dairy and hog pastures have been re-worked and re-arranged where advisable. Cross fences to provide additional small pastures for feeder hogs have been added and 30 new farrowing houses and pens constructed for brood sows.

All fences, cattle gaps, bridges, pens and farm buildings have been kept repaired. Several additional sheds for cattle have been built, using salvaged lumber and tin. One small farm house has been rebuilt, using salvaged materials. Twenty acres of land have been cleared for vegetable growing.

The dairy herd, beef herd, swine herd, and all other farm animals are under the supervision of a licensed veterinarian, who is responsible for all activities pertaining to animal sanitation, disease prevention, control and treatment.

Periodic tests are made on the dairy herd for prevention and control of mastitis, johnen's disease, tuberculosis, beuceliosis, and other diseases.

In the swine herd, all pigs are vaccinated as soon as they are weaned. Animals are examined periodically for external and internal parasites and treated accordingly.

FARM PRODUCTION

	Quantity	Amount	Total
Fresh Vegetables (for Kitchen Use).....Lbs.	1,044,164	\$57,854.70	
Potatoes, IrishLbs.	103,976	5,910.23	
Potatoes, SweetLbs.	253,568	10,872.08	
CornBu.	22,845	35,017.50	
PearsLbs.	45,324	906.48	
GrapesBu.	198	455.25	
CantaloupesOnly	1,713	185.80	
WatermelonsOnly	10,171	2,034.20	
SatsumasBu.	951	2,853.00	
PecansLbs.	11,749	2,641.67	
EnsilageTons	700	5,600.00	
Hay, OatBales	3,801	1,900.50	
OatsBu.	4,989	9,978.00	
Rutabagas (fed to Cows)Tons	183	1,833.50	
CottonLbs.	6,519	2,392.65	
			\$140,435.56
PASTURAGE FOR HOGS & CATTLE:	Acres	Amount	Total
Oats760		11,550.00	
Peanuts120		3,600.00	
Cane12		900.00	
Potatoes, Sweet20		1,200.00	
Grass, Pensacola Bahira175		3,500.00	
Grass, Kentucky 31 Fiscue10		200.00	
Clover, Crimson25		625.00	
Millet, Cat Tail6		90.00	
			\$21,665.00

HOG FARM	Heads	Lbs.	
Hogs—Sold.....	2,099	528,820	98,423.25
Hogs—for Kitchen use.....	1	141	36.66
			\$ 98,459.91

DAIRY:			
Milk Produced.....	381,173 Gals.	200,771.18	
Cows Sold..... 111 Hd.	103,504 Lbs.	19,903.45	
Calves, Sold..... 128 Hd.		1,188.00	
Feed Sacks Sold..... 19,816 Only		2,657.19	
			\$224,519.82

POULTRY:

Eggs Produced.....		2,260 Doz.	1,277.77
Chickens Issued.....	252 Hd.	2,043 Lbs.	698.12
Turkeys.....	43 Hd.	536 Lbs.	213.55
Guineas.....	43 Hd.	125 Lbs.	42.45
Ducks.....	54 Hd.	336 Lbs.	114.85
Feed Sacks Sold.....	136 Only		42.20

\$ 2,388.94

BEEF HERD:

Cattle Sold.....	82 Hd.	39,917 Lbs.	9,463.86
Calf Sold.....	1 Hd.		15.00
Goat Sold.....	1 Hd.		2.50
Sheep.....	1 Hd.		9.40

\$ 9,490.76

CANNING PLANT:

Apples, 6/10	14,792 Jars	\$13,437.50
Beans, String, 6/10	3,819 Jars	1,909.50
Pears, 6/10	4,760 Jars	2,882.20
Tomatoes, 6/10	12,727 Jars	8,664.80
Squash, 6/10	6,336 Jars	3,801.60
Jelly, Grape, 6/10	1,225 Jars	1,959.75

43,659 Jars 32,655.35

PROCESSING VEGETABLES FOR KITCHEN USE 1,090.48

\$ 33,745.83

GRIST MILL

Corn Meal	323,905 Lbs.	14,447.56
Grits	228,536 Lbs.	10,378.49

\$ 24,826.05

TOTAL PRODUCTION \$555,531.87

SEWING ROOM

The following is report of work done in the Sewing Room during the biennial period:

	Quantity	Amount	Total
Clothing Manufactured			
Dresses	24,531	\$58,054.00	
Chemise	16,517	24,775.50	
Gowns	12,854	23,799.00	
Others	18,416	29,027.75	
			\$135,656.25
Bed Linens Manufactured			
Pillow Cases	28,654	\$15,499.00	
Sheets	29,653	52,136.75	
			\$ 67,635.75
Other Linens Manufactured			
Towels	34,850	\$ 8,365.50	
Miscellaneous	2,770	4,843.90	
			\$ 13,209.40

Alterations	2,000	
Clothing & Linens Repaired	5,933	486.39
	<u>176,178</u>	<u>\$216,987.79</u>

MATTRESS FACTORY

The work accomplished by the Mattress Factory during the period covered by this report is as follows:

ITEMS MANUFACTURED:	1950-51	1951-52	Total
Mattresses, cotton	1,094	1,010	2,104
Mattresses, cotton rubberized	612	928	1,540
Pillows, cotton	1,454	1,205	2,659
Pillows, cotton rubberized	81	100	181
Pillow, cases	868	3,495	4,363
Sheets, Bleached & Br.	519	4,385	4,904
Sheets, rubberized	—	116	116
Towels	—	7,952	7,952
Aprons, rubberized	85	255	340
Aprons, carpenter	34	10	44
Awnings	9	2	11
Bags, laundry	38	2	40
Bags, dust sanding machine	1	—	1
Covers, ambulance	—	1	1
Covers, machine	—	5	5
Covers, tub	—	9	9
Covers, food cart	6	8	14
Carriers, luggage	—	1	1
Cushions, chair	256	34	290
Cushions, settee	—	6	6
Cushions, seat	2	1	3
Curtains	57	91	148
Mats, tumbling	2	—	2
Covers, auto	6	8	14
	<u>5,124</u>	<u>19,624</u>	<u>24,748</u>

BRICK PLANT

The following is a statement of the operation of the Brick Plant during the period covered by this report:

	Quantity	Amount
Inventory, finished brick, 7-1-50	1,284,186	\$20,577.80
Production at Cost	3,823,000	66,081.74
	<u>5,107,186</u>	<u>86,659.54</u>
Inventory, finished brick, 6-30-52	939,556	17,399.00
Cost of brick sold and issued	4,167,630	69,260.54
Gross profit on sales and issues		9,218.04
TOTAL SALES & ISSUES DURING PERIOD	4,167,630	\$78,478.58

ADMISSIONS TO THE HOSPITAL DURING THE FISCAL YEAR 1950-1951

	Patients in Hospital	Admitted on Commitment	Returned from Furlough	Returned from Escape	Readmitted on Former Commitment	Committed by Criminal Court of Record	Committed by Circuit Court for Obs. & Exam.	Admitted by authority of Board from State Prison for Obs. & Exam.	Admitted by authority of Board from Boys' School for Obs. & Exam.	Admitted from Arcadia	Committed by Criminal Court of Record while on furlough	Committed by Circuit Court	Committed by Court of Record	Committed to be transferred to another State	Returned from furlough on new commitment	Admitted from State Prison — Raiford	Admitted by Birth
July.....	5,729	84	26	2	7	1	1	1	1								
August.....	5,732	89	26	6	8					7	1	1					
September.....	5,724	103	15	0	1	1						1	1				
October.....	5,753	97	21	1	1												
November.....	5,758	89	24	1	6	1						1		2			
December.....	5,760	96	34	2	1									1			1
January.....	5,721	93	31	5	5					2		1					
February.....	5,767	76	29	3	4					1		2					1
March.....	5,805	98	23	1	5	2						2			2		
April.....	5,850	99	19	3	6											3	
May.....	5,871	97	37	1	4	1			1		1	3					
June.....	5,912	114	33	6	8	2						2			1		
		1,135	318	31	56	8	1	1	2	10	2	13	1	3	3	3	2

ADMISSIONS TO THE HOSPITAL DURING THE FISCAL YEAR 1951-1952

	Patients in Hospital	Admitted on Commitment	Returned from Furlough	Returned from Escape	Readmitted on Former Commitment	Committed by Criminal Court of Record	Committed by Circuit Court	Returned from furlough on new commitment	Committed by Circuit Court while out on furlough	Admitted from Florida Farm Colony	Committed by Criminal Court of Record while out on furlough	Admitted by order of Circuit Court for Observation & Examination	Admitted from Arcadia	Admitted by authority of Bd. from Boys' School for Exam. & Treat.	Stillborn	Returned from temporary release on court order for hearing	Committed by Court of Record	Admitted by Birth
July	5,958	122	27	3	3	2												
August	5,972	114	24	4	4	2	2	1	1	2								1
September	6,014	99	25	3	6									1				1
October	6,023	112	14	1	10	1	2				1							
November	6,056	99	20	4	8	1	1											1
December	6,080	91	16	2	4	1						1						2
January	6,048	103	26	3	2	2							1					
February	6,067	111	26	1	3	1	1	1		1								
March	6,124	111	19	3	5	3	1											
April	6,162	100	26	2	10		1							1	1			
May	6,187	111	22	3	3	2	1											1
June	6,213	112	24	6	3	1							1			1	1	1
		1,285	269	35	61	16	9	2	1	3	1	1	2	2	1	1	1	7

SEPARATIONS FROM THE HOSPITAL DURING THE FISCAL YEAR
1950-1951

	Furloughed	Discharged	Died	Escaped	Trans to Arcadia	Babies sent home	Transferred to Veterans' Hospitals	Transferred to other States	Discharged—returned to State Prison—Raiford	Discharged—Committed by Circuit Court for Observation	Discharged—returned to Court	Discharged to return to State Prison - admitted for Observation	Discharged to return to Boys' School - admitted for Observation	Discharged to T B Hospital—Marianna	Discharged to Circuit Court	REMAINING
July.....	83	4	21	4	5		2		1							5,732
August.....	69	13	19	11	25	1	5	3								5,724
September.....	61	10	18	1			1		1	1						5,753
October.....	62	9	35	4				2			1	1	1			5,758
November.....	83	6	26	2	2		2	1								5,760
December.....	123	7	38	1		1	3	1								5,721
January.....	36	4	37	9	1		1	2						1		5,767
February.....	52	5	18	2			1									5,805
March.....	53	2	31	1		1										5,830
April.....	56	7	33	8			2	3								5,871
May.....	55	9	34	3			1	1							1	5,912
June.....	73	12	25	9				1								5,958
	806	88*	335	55	33	3	18	14	2	1	1	1	1	1	1	

*426 patients discharged absent one year on furlough

SEPARATIONS FROM THE HOSPITAL DURING THE FISCAL YEAR
1951-1952

	Furloughed	Discharged	Died	Escaped	Transferred to Arcadia	Babies sent home	Transferred to Veterans' Hospitals	Transferred to other States	Discharged—returned to State Prison—Raiford	Discharged—returned to Boys' School—Marianna	Discharged to Immigration authorities to be deported to England	Stillborn	Discharged—returned to Circuit Court	Disch. - admit. by author. of Board from Boys' Sch. for Exam. & Treat.	Discharged by Court order to Sheriff of Hillsborough County	Temporary release on Court Order for hearing	REMAINING
July.....	77	9	52	4					1								5,972
August.....	59	11	34	5		1	1	2									6,014
September.....	53	11	30	5	23			3		1							6,023
October.....	60	6	33	5		1	1	1		1							6,056
November.....	68	1	35	4				2									6,080
December.....	87	4	47	2		1	4	4									6,048
January.....	47	4	32	2	30	2	1										6,067
February.....	58	2	25	3													6,124
March.....	73	4	16	4			4	1			1		1				6,162
April.....	77	4	25	4			4	1				1					6,187
May.....	76	8	27	5										1			6,213
June.....	75	6	37	9	1	1	3	6							1	1	6,223
	810	70*	393	52	54	6	18	20	1	2	1	1	1	1	1	1	

*471 patients discharged absent one year on furlough

PSYCHOSES OF ADMISSIONS

	July 1, 1950 through June 30, 1951					July 1, 1951 through June 30, 1952				
WITH PSYCHOSIS	W.M.	W.W.	C.M.	C.W.	Total	W.M.	W.W.	C.M.	C.W.	Total
1. General Paresis	12	3	44	10	69	22	5	32	18	77
2. With other forms of Syphilis of the Central Nervous System	2	1	3		6	2	1			3
3. With Epidemic Encephalitis		1	2		3	4	2			6
4. With other Infectious Diseases	1				1	6			2	8
5. Alcoholic	25	2	4	1	32	29	6	5	2	42
6. Due to Drugs and other Exogenous Poisons	6	4			10		5			5
7. Traumatic	6	3	3		12	7	3		1	11
8. With Cerebral Arteriosclerosis	103	61	40	27	231	98	70	30	27	225
9. With other Disturbances of Circulation	3	1			4	1			1	2
10. With Convulsive Disorders	20	11	7	6	44	14	11	9	2	36
11. Senile	28	59	1	6	94	24	37	1	11	73
12. Involutional Psychoses	4	28		3	35	11	26		3	40
13. Due to other Metabolic, etc., Diseases	1	1	1	1	4	3				3
14. Due to New Growth	1				1	1	1			2
15. With Organic Changes of the Nervous System	4	4	1	4	13	3	4	2	3	12
16. Manic Depressive	30	55	4	19	108	45	67	4	9	125
17. Schizophrenia (Dementia Praecox)	130	155	49	67	401	124	197	43	102	466
18. Paranoia and Paranoid Conditions	2		1		3	5	11			16
19. With Psychopathic Personality	19	7	4		30	19	13	1	2	35
20. With Mental Deficiency	25	23	13	16	77	34	26	9	11	80
21. Other, Undiagnoses and unknown Psychoses	20			1	21	10	4	32	19	65
22. TOTAL WITH PSYCHOSIS	442	419	177	161	1,199	462	489	168	213	1,331

PSYCHOSES OF ADMISSIONS—(Continued)

	July 1, 1950 through June 30, 1951					July 1, 1951 through June 30, 1952				
	W.M.	W.W.	C.M.	C.W.	Total	W.M.	W.W.	C.M.	C.W.	Total
PSYCHONEUROSIS										
23. Psychoneurosis (Including Somatization Reactions).....	11	16	1	1	29	6	19	1	1	27
WITHOUT PSYCHOSIS OR PSYCHONEUROSIS										
24. Epilepsy						1				1
25. Mental Deficiency						5	4			9
26. Alcoholism										
27. Drug Addiction										
28. Personality Disorders due to Epidemic Encephalitis										
29. Psychopathic Personality	1		1	1	3		2	3		5
30. Primary Behavior Disorders										
31. Other and unclassified without psychosis or neurosis.....	4				4	6	1		4	11
32. TOTAL WITHOUT PSYCHOSIS	5		1	1	7	12	7	3	4	26
33. Mental Disorder Undiagnosed										
34. No Mental Disorder Found		2			2		3			3
35. GRAND TOTAL	458	437	179	163	1,237	480	518	172	218	1,388

DEATH RATE AT THE FLORIDA STATE HOSPITAL OVER A PERIOD OF FOURTEEN YEARS

Fiscal Year	Patients Treated During Year	Deaths During Year	Death Rate per 1,000 Patients
1951-52	7,649	393	51.3
1950-51	7,318	335	45.7
1949-50	7,035	391	55.5
1948-49	6,449	348	53.9
1947-48	6,526	385	59.0
1946-47	6,494	411	63.3
1945-46	6,548	400	61.0
1944-45	6,405	402	62.7
1943-44	6,432	451	70.1
1942-43	6,350	380	59.7
1941-42	6,184	310	50.1
1940-41	5,810	328	56.4
1939-40	5,508	294	53.4
1938-39	5,258	305	58.0

ADMISSIONS BY COUNTIES

	July 1, 1950 through June 30, 1951					July 1, 1951 through June 30, 1952				
	WM	WW	CM	CW	Total	WM	WW	CM	CW	Total
Alachua	5	2	6	6	19	10	9	5	1	25
Baker	0	1	0	0	1	0	0	0	0	0
Bay	15	7	0	2	24	8	6	0	4	18
Bradford	2	0	0	1	3	2	3	1	2	8
Brevard	1	5	1	1	8	2	3	1	3	9
Broward	8	8	2	3	21	7	6	6	7	26
Calhoun	7	5	0	0	12	3	4	1	1	9
Charlotte	0	3	0	0	3	0	0	0	0	0
Citrus	1	3	0	0	4	0	0	1	2	3
Clay	3	0	1	0	4	3	0	0	0	3
Collier	1	0	2	1	4	1	3	2	1	7
Columbia	6	5	3	1	15	5	6	4	2	17
Dade	52	77	25	12	166	68	67	17	24	176
DeSoto	2	0	1	0	3	1	0	0	0	1
Dixie	0	0	0	1	1	1	1	0	1	3
Duval	54	39	17	35	145	34	50	28	27	139
Escambia	21	21	10	7	59	22	23	5	8	58
Flagler	1	0	1	0	2	0	0	3	0	3
Franklin	1	1	0	0	2	0	1	3	1	5
Gadsden	8	5	1	5	19	7	11	5	6	29
Gilchrist	0	0	0	0	0	2	1	0	0	3
Glades	0	0	0	0	0	1	0	1	0	2
Gulf	2	2	1	1	6	3	0	0	1	4
Hamilton	0	2	0	1	3	3	2	2	2	9
Hardee	4	2	1	0	7	3	3	0	0	6
Hendry	1	1	1	0	3	2	0	0	0	2
Hernando	3	1	0	1	5	4	2	0	1	7
Highlands	3	1	1	2	7	2	1	1	0	4
Hillsborough	39	44	12	8	103	49	59	8	16	132
Holmes	4	6	0	0	10	5	3	0	0	8
Indian River	1	4	1	2	8	3	3	0	3	9
Jackson	14	5	6	4	29	13	10	3	5	31
Jefferson	2	0	1	2	5	1	2	2	2	7
LaFayette	0	2	0	0	2	0	2	0	0	2

ADMISSION BY COUNTIES—(Continued)

	July 1, 1950 through June 30, 1951					July 1, 1951 through June 30, 1952				
	WM	WW	CM	CW	Total	WM	WW	CM	CW	Total
Lake	8	4	2	0	14	7	9	4	2	22
Lee	6	7	2	3	18	4	11	2	0	17
Leon	6	6	6	5	23	7	14	9	12	42
Levy	0	4	3	0	7	1	2	0	1	4
Liberty	4	1	0	0	5	2	0	1	0	3
Madison	4	1	1	1	7	4	6	2	5	17
Manatee	8	14	2	0	24	9	9	4	6	28
Marion	6	5	5	3	19	6	9	0	3	18
Martin	4	0	1	0	5	0	2	2	4	8
Monroe	8	0	2	1	11	1	3	2	1	7
Nassau	2	2	3	1	8	0	1	2	2	5
Okaloosa	3	2	0	0	5	6	6	0	0	12
Okeechobee	0	1	0	1	2	0	0	0	0	0
Orange	16	19	10	7	52	29	20	5	6	60
Osceola	5	3	0	0	8	3	3	0	0	6
Palm Beach	21	11	15	13	60	23	19	14	17	73
Pasco	5	2	0	1	8	2	6	1	1	10
Pinellas	10	14	5	5	34	14	22	2	7	45
Polk	22	23	7	6	58	22	29	4	10	65
Putnam	6	3	3	5	17	11	2	4	3	20
Santa Rosa	0	0	2	0	2	2	4	0	1	7
Sarasota	2	7	0	0	9	7	7	0	4	18
Seminole	1	3	1	2	7	2	1	0	2	5
St. Johns	5	9	4	2	20	6	1	1	0	8
St. Lucie	2	3	2	0	7	4	3	4	5	16
Sumter	3	3	0	0	6	1	4	1	2	8
Suwannee	4	7	1	6	18	5	7	1	0	13
Taylor	4	4	0	1	9	2	1	0	0	3
Union	9	0	0	0	9	10	3	2	1	16
Volusia	10	18	5	3	36	8	22	3	2	35
Wakulla	1	2	0	1	4	3	2	2	0	7
Walton	6	4	1	0	11	6	7	0	1	14
Washington	6	3	2	0	11	8	2	1	0	11
Other States	0	0	0	0	0	0	0	0	0	0
Totals	458	437	179	163	1 237	480	518	172	218	1,388

BACTERIOLOGY:

LABORATORY

Agglutinations	122
Blood Cultures	69
G. C. Smears	156
G. C. Cultures	26
Gum smears	75
Milk Analysis	47
Stools for acid fast bacilli	747
Stool cultures	120
Sputum concentrated and smears	4,627
Sputum concentrated and cultures	4,627
Stomach contents, Microscopic	249
Stomach contents, cultures	747
Throat smears and cultures	78
Water Analysis	120
Misc. gram stains	456
Misc. cultures	201
Autogenous vaccine	17
Dark Field	13
Urine cultures	47
Antibiotic sensitivity tests	51

CHEMISTRY: Blood:

Acid Phosphatase	41
Alkaline Phosphatase	54
Amylase	48
A/G Ratio	171
Albumin	171
Globulin	171
Total Protein	171
Basal Metabolism Rate	97
Bromide Level	78
Calcium	55
Chlorides	24
Cholesterol	134
CO ² Combining Power	42
Creatinine	478
Glucose Tolerance	79
Icterus Index	188
Non-Protein Nitrogen	631
Phosphorus	8
Prothrombin Time	114
Sugar	3,452
Sulfa Level	21
Urea Nitrogen	19
Van Den Bergh	76
Potassium	8
Thymol Turbidity	17
Urea Clearance	7
Gastric Analysis	26
P. S. P.	25
B. S. P.	3
Thiocyanate level	4
Uric Acid	12

Spinal Fluid:

A/G Ratio	1,274
Albumin	1,274
Globulin	1,274
Total Protein	2,743
Colloidal Gold	665
Cell Counts	2,821
Chlorides	23
Sugars	19

HEMATOLOGY:

Complete Blood Count	15,194
Red cell count and Hgb.	773
White cell count and Differential	261
Blood Picture	2,136
Clotting and Bleeding Time	224
Color Index	15,967
Cross-matching	363
Blood Grouping	799
Rh Factor	799
Sedimentation Rate	3,106
Malarial Parasites	461

SEROLOGY: Blood:

V.D. R. L.	5,949
Kahn Standard	1,664
Kahn Quantitative	964
Eagle	2,266

Spinal Fluid:

V. D. R. L.	2,755
V. D. R. L. Quantitative	359
Kahn	151
Kahn Quantitative	22

PARASITOLOGY:

Stool for Animal Parasites	11,917
Stool for Occult Blood	346
Urinalysis, complete	19,207
Urinalysis, microscopic only	47
Urine for Occult Blood	27
Urine for Bile	46
Urine for Sugar & Acetone	9,358
Friedman	94
Xenopus laevis (Frog Test)	35

PATHOLOGY:

Autopsies	235
Autopsy Tissue	2,470
Surgical Specimens, Gross	666
Surgical Specimens, Microscopic	524
Total Tests	128,164



**THE G. PIERCE WOOD
MEMORIAL HOSPITAL**

ARCADIA, FLORIDA



INFIRMARY

W. D. Rogers, M.D.	Chattahoochee	Superintendent
F. E. Daves, M.D.		Medical Director
Marshall T. Whidden		Business Manager
D. S. Shepard		Maintenance Engineer
H. E. Parker, M.D.		Physician
F. J. Liddy, M.D.		Physician
A. D. Migliore, M.D.		Physician
Guy B. Ellis, D. D. S. *	}	Dentist
Samuel M. Mallamo, D. D. S.		
Eugene C. Wey		Drug Clerk
Nell W. Benjamin		Laboratory Technician
Willie Mae Daves		X-ray Technician
Elizabeth S. Algood, R.N.	Carlstrom	Chief Nurse
Verna L. Harden, R.N.	Dorr	Chief Nurse
Minnie Lee Cloud	White Female Department	Supervisor
O. E. Harden	White Male Department	Supervisor
J. J. Martin		Chaplain
Walter R. Smith		Supervisor of Laundry
Charles E. Dexter		Commissary Manager
Richard D. Davis		Supply Clerk
T. M. Nash, Jr.		Steward
Maude Albritton		Sewing Room Supervisor
Mary Jackson	Dorr	Recreation Director
Ernest W. NeSmith	Carlstrom	Recreation Director
Lessie Hansel		Occupational Therapist

* Resigned



CANTEEN AND RECREATION BUILDING

MOVEMENT OF POPULATION, MALE

The White Male Department of the hospital received during the biennial period under report, twenty-five patients from the Florida State Hospital at Chattahoochee, fifty-nine on new commitment, and two on former commitment.

Nine patients have been returned to the Florida State Hospital at Chattahoochee for therapy not offered at this branch of the hospital. One patient, on furlough from here, was transferred to Chattahoochee, making a total of ten transfers. During this period we have furloughed ninety-eight patients, with sixty-six being returned from furlough.

Thirty-one have been discharged from the institution during this period,—twenty-seven by virtue of having been absent one year on furlough, one as improved, and three out-of-state discharges have been granted.

Four men effected escapes from the hospital premises during this time, and all were apprehended within a short time.

We consider our death rate low as we have had only twenty-four deaths, and quite a large percentage of our patients are over sixty-five years of age.

We are ending the period with a total population in our men's department of 438 patients.

MOVEMENT OF POPULATION, FEMALE

Our patient population on July 1, 1950, totaled 468 white females. At the close of the biennial period, June 30, 1952, we had received fifty-six patients from the hospital at Chattahoochee.

During this period there have been five patients returned to the hospital on former commitment and nineteen new admissions. Ninety-three patients were released on furlough during the two year period, with seventy-nine being returned. Seventeen patients were discharged during this period and sixteen are still on furlough status. With the particular type and age group patients in the institution we cannot expect the patients to remain out of the institution as long on furlough as with a younger group.

Seven of our female patients effected escapes from the hospital grounds but were apprehended and returned within a few hours.

Three patients were returned to the Florida State Hospital at Chattahoochee for special treatment, which we are not equipped to render here.

MEDICAL STAFF

The medical staff of this institution is composed of a medical director and three assistant physicians.

Staff Conferences are held weekly when the discharge of patients, or furloughs, are to be considered. A record is kept of the proceedings of the Staff Conferences.

Diagnostic Staff Conferences are held for the purpose of classification of new cases, which, after being completed by the attending physician, are presented to the Conference for final diagnosis and outline of treatment.

HEALTH

The general health of patients and employees in the last biennium has been good, due mainly to routine, complete pre-employment physical examinations on all employees, and active medical programs among the patients to raise the level of their physical health.

Periodic tests of milk and water supplies are made to prevent spread of disease in these vectors; also routine check-ups of all food handlers are carried out periodically.

In December, 1950, we opened an annex to the male hospital infirmary to care for our increasing number of senile and feeble patients, who although not acutely ill, require a great amount of nursing care, more or less continuous medication, and special diets. Those unable to go to the dining room are fed on the ward by a heated conveyor from the kitchen. Abbreviated charts are kept on these patients, and daily rounds are made by one of the doctors, the chief nurse, and the supervisors of the departments.

PSYCHIATRIC THERAPY

Electro convulsive therapy continues to be a major therapeutic agent in our hospital. Treatments are given at intervals of approximately twice a week, with the total number of treatments given to each individual varying from three to twenty, depending upon the response. These treatments are supplemented with psychiatric interviews which enable the individual patient to better readjust to society.

Patients are carefully selected for this type of therapy and are given a thorough physical check-up prior to being given shock treatments. Results have been very favorable, and this type of therapy will be continued in the future.

5,794 treatments have been given during the past biennial period.

Patients not suitable for shock therapy are treated by means of psychotherapy, occupational and recreational therapy, in order to facilitate their adjustment to hospitalization and promote their return to society.

OUTSTANDING PSYCHIATRIC AIDE

The National Association for Mental Health, Inc., chose one of our attendants, Mr. H. H. Allen, for one of the Awards of Achievement and Special Award of Merit, as one of the outstanding psychiatric aides of the year. These were presented to Mr. Allen at a special meeting during Mental Health Week.

In addition, he appeared on television in Miami and was given a fifty dollar (\$50.00) bond as Citizen of the Day.

Mr. Allen's achievement was a great encouragement to the staff, and our new program of special lectures to the attendants by the staff, which was inaugurated September 6, 1951.

SURGERY AND CLINIC

The surgical department of the Carlstrom hospital has increased the scope of its activities, especially in regard to major surgery. Some progress has been made toward obtaining adequate operative facilities at Dorr hospital. This department works in close cooperation with the clinic where many patients and employees are examined and treated.

Another service maintained by this department is that of provision of all sterile supplies and the preparation of treatment trays for the various wards at both hospitals. Attention is called to detailed breakdown of services in the accompanying chart:

Major Operations performed:

Gynecologic	16
Laparotomies and other abdominal	27
Orthopedic	3
Urologic	21
Minor Operations (all kinds)	429

DENTAL DEPARTMENT

The dental service of this institution has been in functioning operation under the supervision and direction of the Chief Dentist of the Florida State Hospital at Chattahoochee, since the activation of the Dorr and Carlstrom branches of that institution.

At each branch a complete two chair clinic was developed and the service is accomplished in the hands of one full time dental officer, who at present is also giving two days each two weeks to the service of the Glades State Prison at Belle Glade.

The full routine of the dental service is maintained at the Arcadia institution by the dental officer in residence there, with the approximately 1,000 patients, as is given at the Chattahoochee institution, the supply, laboratory service, and staff, furnished from the parent institution.

X-RAY DEPARTMENT

Our x-ray departments of both Dorr and Carlstrom hospitals continue in charge of one technician, who divides her time between both hospitals.

During the past biennial period, this department has shown an increase in the number of diagnostic services performed. Routine chest films are made on all new admissions and new employees, returns from furlough, all patients prior to E.C.T., all food handlers every six months, and serial films on all pulmonary tuberculosis suspects.

This department is also responsible for electrocardiograms, EKG and BMR services.

Patients requiring deep x-ray therapy or radium therapy are referred to the Cancer Clinic at Lakeland or Tampa, after proper authorization is obtained.

X-rays	2,730
EKG's	214

DRUG DEPARTMENT

Our drug departments of both Dorr and Carlstrom Hospitals continue in charge of a drug clerk, who divides his time between both hospitals. He dispenses drugs daily to wards and patients on doctors' prescriptions and orders.

The following tabulation records the method and drugs dispensed during the past two years:

Prescriptions	5,330
Department Requisitions	1,252

RELIGIOUS SERVICES

Religious services are conducted twice each week at Dorr and Carlstrom hospitals by the chaplain. With necessary minor adaptations, these services are designed to "bring the Church to the patient", so that the patient may worship in a normal atmosphere. As far as possible, the form of service is varied to meet the desires of the patients, and patient participation is encouraged. The increased voluntary attendance reflects the steadily growing interest in these services.

The chaplain regularly visits all infirm patients twice a week, visits patients in the general wards as desired, holds many interviews with individual patients, and strives to aid in the solution of their spiritual and personal problems. The chaplain also conducts funeral services for patients interred here, and writes letters of sympathy to the bereaved.

Arrangements have been made for a Catholic Priest to visit each week, or oftener if required. Episcopal services are also held once each month.

RECREATION

FEMALE DEPARTMENT:

During the last two years we have moved from the Commissary Building to the Canteen Building, where we have a nice large recreation hall with black-out draperies so as to accommodate movies for the patients twice each week.

At our new location we have a private reception room and library, with easy access to the canteen so the patients and visitors can purchase ice cream, drinks and gifts.

Once each month the female patients, with proper supervision, are escorted by the male patients from Carlstrom Hospital on a monthly picnic, usually to Lake Katherine or Zolfo Springs.

Refreshments are served at our bingo and bridge parties held each week, as well as at our weekly dances, which include the male patients from Carlstrom Hospital.

Early morning hikes, indoor and outdoor games are enjoyed each day; games consist of Chinese checkers, bridge, canasta, solitaire, table tennis, croquet, shuffleboard and basket ball.

MALE DEPARTMENT:

Our recreational program is steadily growing, and our entire personnel realizes that recreation is a "must" in our institution for all patients. Our patients look forward to our recreational and occupational therapy activities, and a large percentage participate in the program. With the continued cooperation of our entire hospital personnel, we will continue to make forward progress in these programs and expect to add new activities and facilities as we grow.

In our spacious day room, where all patients are assembled daily, we have a tennis court, basket ball court, horse shoe court, ping pong table, two shuffle board courts, ball throwing rack, and volley ball court.

In one corner is our Eastern Star Library, where books can be drawn out. Writing and reading tables are here also, for the patients. Music is played over the loud speaker daily in the day room.

Included in other activities are soft ball games twice a week, card parties, theater parties, both in the institution and in Arcadia, where patients are given free passes to the theater there.

The wood craft shop has been expanded considerably, affording facilities for a greater number of patients and projects. Many of the cabinets, benches and lawn chairs used at the institution are made in this shop.

ART ROOM

During the past biennium this department has shown great expansion and moved to new quarters. The department teaches patients to do various types of hand work and craft, with production of useful articles.

The types of work done include shell craft, including the making of jewelry and novelties; wood craft, in which small articles such as shadow boxes, picture frames and doll furniture are constructed; and needlework.

A garden project has been activated, in which patients are able to raise flowers and vegetables if they desire.

LABORATORY

BLOOD:

Complete Blood Counts	1,730
Counts, White and Differential	38
Counts, Red and Hemoglobin	11
Creatinine	16
Cross Match	45
Blood Groupings	225
Icterus Index	9
Rh Typing	124
Agglutination	19
Cholesterol	10
Bleeding Time	136
Coagulation Time	136
Color Index	1,730
Non-Protein Nitrogen	144
Platelet Count	2
Sedimentation Rate	208
Uric Acid	6
Urea Nitrogen	6

Blood Sugar	381
Prothrombin Time	59
Smears for Malarial Parasites	14
Phenosulfaphonphthalein	11

SEROLOGY:

Serologies	998
Spinal Fluid	42
Basal Metabolic Rate	30

MISCELLANEOUS:

Feces	2,744
Urinalysis	3,589
Gram Stains	123
Sputum Smears for TB	207
Sputum Cultures	141
Benzidien for Occult Blood	61
Miscellaneous Smears	60
Miscellaneous Cultures	223
Biopsies	51
Kidney Function	11

AUTOPSIES

During the past biennial period, nine autopsies have been performed in an undertaker's establishment in Arcadia by our staff physicians, as there are no provisions for autopsies at the hospital.

BEAUTY SHOP

For the past two years one beauty operator has been employed at Dorr Hospital, with assistance from the patients who have had previous training in this type work.

Listed below is the work done during this period:

Shampoos	5,209
Finger waves	500
Permanent waves	515
Scalp Treatments	2,500
Hair cuts	3,821

BARBER SHOP

During the past two years two barbers have been employed at our Carlstrom Hospital.

Listed below is the work done during this period:

Hair cuts	11,517
Shaves	57,239

FOOD SERVICE

During the biennium an average of 3,066 meals per day were served to the patients and personnel. This is an increase of 238 meals over the last biennium.

The patients are served cafeteria style and are seated four at each table. We feel that this manner of serving and seating is more conducive to a feeling of independence and is a boost to morale. Three well-balanced and highly nutritious meals are served each day.

A number of improvements have been made to buildings and equipment, which have resulted in a higher degree of efficiency and also better prepared meals.

SEWING ROOMS

The following is report of work done in the sewing rooms during this biennial period:

Description	Quantity
Uniforms	988
Caps	178
Night Gowns	78
Chemise	112
Sheets	1385
Aprons	246
Curtains	162
Table Covers	307
Coffee Urn Bags	36
Tray Covers	48
Hot Water Bottle Covers	48
T. Binders	30
Restraint Straps	84
Pack Covers	74
Vaginal Sheets	9
Lap Sheets	9
Screen Covers	12
Mayo Stand Covers	6
Pillow Slips	106
Minor Sheets	24
Drum Liners	6
Arm Board Covers	6
Abdominal Binders	12
Glove Pockets	36
Glove Wrappers	84
Leggin Sets	7
Male Stand Covers	7
Slings	12
Dressing Cart Covers	12
Laundry Basket Covers	12
TOTAL	4,136

LAUNDRY

During the biennium covered by this report we have handled a total of 1,982,438 lbs. of laundry.

FIRE DEPARTMENT

Our Fire Department consists of a fire marshal and twelve volunteer firemen, who are employees of the hospital.

During this biennial period, this department has maintained all first aid fire equipment throughout the hospital buildings. Fire extinguishers are placed in all buildings and recharged and tested regularly.

The department is proud to report that there have been no losses during this period due to fire.

WATER AND SEWAGE DEPARTMENT

This department consists of two complete water treatment plants, one located at Carlstrom Hospital and one at Dorr Hospital, pumping an average of 100,000 gallons each per day. We have a very hard water at both hospitals, having a hardness of 450 ppm, and we bring this down to around 110 or 120 ppm.

We also have two sewage treatment plants, one located at Dorr and one at Carlstrom. These treatment plants are activated sludge plants, which produce one of the best effluents.

Both water and sewage plants are operated by one supervisor and two operators, one operator taking care of one water and sewage plant at each hospital.

We have recently added to our laboratory so that all necessary tests can be made and treatment may be kept at its best. Samples are also sent regularly to the State Board of Health.

MAINTENANCE DEPARTMENT

This department has now completed the large task of converting a former Army Air Base into two efficient hospitals for the care of the mentally ill. The task has been greater, due to the fact that the white female hospital and white male hospital are approximately seventeen miles apart.

The main duties of this department are the numerous daily repairs that are required by the institution on the buildings and equipment, the care of the grounds, and any new construction that is done.

Some of the achievements of this department during the past two years are as follows:

- Installed another steam boiler, which was moved to our laundry-kitchen boiler room from the ship yard in Tampa, Florida. This now gives us two boilers at the white male hospital.

- Built an ice storage building at the white female hospital.

- Put a partition in the employees' ward at the infirmary, which made facilities for both male and female employees, with a bathroom installed in one side of the ward.

- Installed a partition and ceiled a room in the hangar storage building for a water and sewage plant laboratory.

- Installed asbestos shingles on sides of the commissary building and the white female recreation building.

- Installed new asbestos shingle roofs on all buildings at Carlstrom branch and began similar installations on roofs at Dorr branch. Roofs were originally covered with roll roofing which had become badly deteriorated.

Enlarged the maintenance stock room, putting up a partition and installing a second floor over the room for the storage of tires and tubes.

Remodeled two wards for the care of senile patients. One ward was remodeled at the white female hospital and one at the white male hospital.

The remodeling included facilities for cooking and serving of some meals on both wards.

Installed a hydraulic lift in the garage, which has greatly reduced the time required to service and maintain our vehicles.

Installed a larger air compressor to operate the new hydraulic lift and to meet the other requirements for compressed air at the white male hospital. The small air compressor that was replaced was moved to the white female hospital.

Our electric department has done numerous re-wiring jobs during the past two years, as all our buildings were originally wired to meet the requirements of Army personnel and our mental patients have necessitated a lot of changes and additions. This department has also done a great amount of repair work.

The garage has serviced and kept in operation fourteen vehicles, plus numerous jobs of welding and metal work for the hospital.

Our ice plant has a monthly output of over 90,000 lbs. of ice and part of this output is now stored in the new ice storage building at the white female hospital.

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